



## Open Source Used In UCS Director Virtual Appliance Software 6.8.9.0

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## 1.7 libjpeg 6b

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README for release 6b of 27-Mar-1998

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

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

#### DOCUMENTATION

#### ROADMAP

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This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:

install.doc    How to configure and install the IJG software.  
usage.doc     Usage instructions for cjpeg, djpeg, jpegtran,  
              rdjpgcom, and wrjpgcom.  
\*.1            Unix-style man pages for programs (same info as usage.doc).  
wizard.doc    Advanced usage instructions for JPEG wizards only.  
change.log    Version-to-version change highlights.

Programmer and internal  
documentation:

libjpeg.doc   How to use the JPEG library in your own programs.  
example.c     Sample code for calling the JPEG library.  
structure.doc  Overview of the JPEG library's internal structure.  
filelist.doc   Road map of IJG files.  
coderrules.doc Coding style rules --- please read if you contribute code.

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

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

## OVERVIEW

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This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

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

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

hierarchical or lossless processes defined in the standard.

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

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

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

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

by M.I.T. but is also freely distributable.

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

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

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## REFERENCES

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We

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

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

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides

good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

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

The

JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.)

In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still

Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

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

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

Literature Department

C-Cube Microsystems, Inc.

1778 McCarthy Blvd.

Milpitas, CA 95035

phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at

<ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text

version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

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

## ARCHIVE LOCATIONS

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

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

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups <comp.graphics.misc>, <news.answers>, and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other <news.answers> archive sites, including the official <news.answers> archive at <rtfm.mit.edu>: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>. If you don't have Web or FTP access, send e-mail to [mail-server@rtfm.mit.edu](mailto:mail-server@rtfm.mit.edu) with body  
send <usenet/news.answers/jpeg-faq/part1>  
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## RELATED SOFTWARE

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

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites,

notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>.

Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

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

## FILE FORMAT WARS

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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read.

(For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

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

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical



advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether

SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

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

TO DO

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

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

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to [jpeg-info@uunet.uu.net](mailto:jpeg-info@uunet.uu.net).

## 1.8 commons-io 2.0.1

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 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/ForwardingConcurrentMap.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/package-  
 info.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/io/Resources.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/io/CharStreams.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/ReverseNaturalOrdering.java

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/base/Preconditions.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/ForwardingMapEntry.java  
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 /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/TreeMultimap.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/base/package-  
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 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/io/MultiInputStream.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/HashBiMap.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/Constraints.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/ListMultimap.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/ForwardingSortedMap.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/EnumMultiset.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/io/InputSupplier.java  
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 /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
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 jar/com/google/common/collect/EmptyImmutableSet.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/ForwardingMultiset.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/Ordering.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/ForwardingListIterator.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/ForwardingObject.java  
 \*  
 /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/AbstractMapEntry.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/TreeMultiset.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
 jar/com/google/common/collect/Synchronized.java  
 \* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-

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jar/com/google/common/collect/AbstractIterator.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/ExplicitOrdering.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/Interners.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/io/LineBuffer.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/io/OutputSupplier.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/io/Files.java
*
/opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/BiMap.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/ConcurrentHashMultiset.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/io/LineReader.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/ImmutableSet.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/AbstractBiMap.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/AbstractSortedSetMultimap.java
*
/opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/SortedSetMultimap.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/CompoundOrdering.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/ForwardingList.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/ReverseOrdering.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/AbstractListMultimap.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/io/Flushables.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/EmptyImmutableList.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/base/Objects.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/Iterables.java
*

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/opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ForwardingQueue.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/io/Closeables.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/EnumBiMap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/MapConstraint.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ComparatorOrdering.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/LinkedHashMultimap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/EnumHashBiMap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/AbstractMultiset.java  
\*  
/opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ByFunctionOrdering.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ForwardingIterator.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/io/package-info.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/util/concurrent/package-info.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/AbstractSetMultimap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/Iterators.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ImmutableList.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/io/CountingInputStream.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ArrayListMultimap.java  
\*  
/opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/SetMultimap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/Multiset.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ForwardingSortedSet.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/base/Predicate.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/MapConstraints.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/SingletonImmutableSet.java



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* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/primitives/Primitives.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/Lists.java
*
/opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/Multisets.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/Multimaps.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/io/ByteStreams.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/Constraint.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/NaturalOrdering.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/ForwardingSet.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/HashMultiset.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/Maps.java
*
/opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/UsingToStringOrdering.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/util/concurrent/ListenableFuture.java
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Found in path(s):

```
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/base/CharMatcher.java
```

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 */
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 * JSR-166 Expert Group and released to the public domain, as explained at
 * http://creativecommons.org/licenses/publicdomain
 *
 * As of 2010/06/11, this method is identical to the (package private) hash
 * method in OpenJDK 7's java.util.HashMap
class.
 */
```

Found in path(s):

```
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/Hashing.java
```

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 */
/*
```

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Found in path(s):

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/Sets.java  
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Found in path(s):

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/base/Predicates.java

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Found in path(s):

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/base/internal/Finalizer.java

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\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/base/CaseFormat.java

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Found in path(s):

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ImmutableCollection.java

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/io/MultiReader.java

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ImmutableBiMap.java

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/opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/ImmutableMap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/ImmutableSortedSet.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/RegularImmutableMap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/primitives/Bytes.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/primitives/Floats.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/util/concurrent/AbstractCheckedFuture.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/UnmodifiableIterator.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/primitives/Booleans.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/EmptyImmutableMap.java  
\*  
/opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/ImmutableMultimap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/SingletonImmutableMap.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/EmptyImmutableSortedSet.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/net/InetAddresses.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/primitives/Longs.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/primitives/Doubles.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
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/opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
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\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/ImmutableMultiset.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/io/FileBackedOutputStream.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/primitives/Chars.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/Collections2.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-

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jar/com/google/common/collect/EmptyImmutableMultiset.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/PeekingIterator.java
*
/opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/util/concurrent/CheckedFuture.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/RegularImmutableBiMap.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/primitives/Ints.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/primitives/Shorts.java
* /opt/cola/permits/22757947_1695274394.6718512/0/guava-r06-sources-
jar/com/google/common/collect/Serialization.java
```

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*/
/**
* Wrapper around { @link System#arraycopy } so that it can be emulated
* correctly in GWT.
*
* <p>It is only intended for the case { @code src } and { @code dest } are
* different. It also doesn't validate the types and indices.
*
* <p>As of GWT 2.0, The built-in { @link System#arraycopy } doesn't work
* in general
case. See
* http://code.google.com/p/google-web-toolkit/issues/detail?id=3621
* for more details.
*/
```

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\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ComputationException.java

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-

jar/com/google/common/primitives/SignedBytes.java  
\*  
/opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/collect/NullOutputException.java  
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jar/com/google/common/util/concurrent/AbstractIdleService.java  
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\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/base/Service.java



\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/ImmutableAsList.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/collect/RegularImmutableList.java  
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jar/com/google/common/collect/ForwardingSortedSetMultimap.java  
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jar/com/google/common/base/Function.java  
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jar/com/google/common/base/FinalizableReferenceQueue.java  
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jar/com/google/common/base/Functions.java  
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jar/com/google/common/base/FinalizableWeakReference.java  
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jar/com/google/common/util/concurrent/TimeLimiter.java  
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jar/com/google/common/annotations/VisibleForTesting.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/io/AppendableWriter.java  
\*  
/opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/util/concurrent/UncheckedTimeoutException.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
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\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-  
jar/com/google/common/util/concurrent/Futures.java

\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java  
\* /opt/cola/permits/22757947\_1695274394.6718512/0/guava-r06-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java

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## 1.14 pcre 8.32

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* /opt/cola/permits/115342115_1646171445.14/0/jbcrypt-0-4-sources-5-jar/org/mindrot/jbcrypt/BCrypt.java
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Used by: Xalan-Java 2 and release copy of Xerces-Java 2

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tools/antRun  
tools/antRun.bat

Source: <http://ant.apache.org/>

Used By: Xalan's build process: java/build.xml and test/build.xml

```

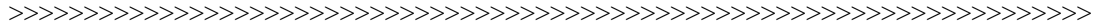
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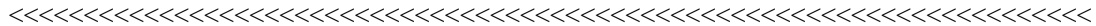




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## 1.30 taglibs-standard-spec 1.2.5

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Fluent API for Apache HttpClient

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\* /opt/cola/permits/138838496\_1695304259.9973295/0/accessors-smart-1-1-sources-zip/accessors-smart-1.1-sources/net/minidev/asm/DynamicClassLoader.java

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```

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```
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```

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## 1.37 commons-http-client 3.1

### 1.37.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/MalformedChallengeException.java,v 1.6
2004/05/13 04:02:00 mbecke Exp $
 * $Revision: 480424 $
 * $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
 *
 * =====
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```



```

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* =====
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* information on the Apache Software Foundation, please see
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*
*/

```

Found in path(s):

```

* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/auth/MalformedChallengeException.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpException.java,v 1.19 2004/09/30 18:53:20 olegk
Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
*
* =====
*
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\*  
\*/

Found in path(s):

\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/HttpException.java  
No license file was found, but licenses were detected in source scan.

/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpMethodBase.java,v 1.222 2005/01/14 21:16:40  
olegk Exp \$  
\* \$Revision: 539441 \$  
\* \$Date: 2007-05-18 14:56:55 +0200 (Fri, 18 May 2007) \$  
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-

jar/org/apache/commons/httpclient/HttpMethodBase.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/DigestScheme.java,v 1.22 2004/12/30 11:01:27 oglueck Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/HttpAuthenticator.java,v 1.19 2004/10/06 17:32:04 olegk Exp \$

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jar/org/apache/commons/httpclient/auth/HttpAuthenticator.java
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```

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpMethodRetryHandler.java,v 1.2 2004/09/14
20:11:31 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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jar/org/apache/commons/httpclient/HttpMethodRetryHandler.java  
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/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/ConnectTimeoutException.java,v 1.5 2004/07/05  
22:46:58 olegk Exp \$  
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jar/org/apache/commons/httpclient/ConnectTimeoutException.java  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/StatusLine.java,v 1.14 2004/07/19 20:24:21 olegk Exp  
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jar/org/apache/commons/httpclient/StatusLine.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/GetMethod.java,v 1.29 2004/06/13 20:22:19
olegk Exp $
* $Revision: 480424 $
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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/methods/GetMethod.java
```

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ChunkedOutputStream.java,v 1.16 2004/05/13
04:03:25 mbecke Exp $
* $Revision: 480424 $
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 \* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
 jar/org/apache/commons/httpclient/ChunkedOutputStream.java  
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 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/MultiThreadedHttpConnectionManager.java,v 1.47  
 2004/12/21 11:27:55 olegk Exp \$  
 \* \$Revision: 564906 \$  
 \* \$Date: 2007-08-11 14:27:18 +0200 (Sat, 11 Aug 2007) \$  
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jar/org/apache/commons/httpclient/MultiThreadedHttpConnectionManager.java  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/protocol/SSLProtocolSocketFactory.java,v 1.10  
2004/05/13 04:01:22 mbecke Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/Header.java,v 1.17 2004/09/15 20:42:17 olegk Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/WireLogOutputStream.java,v 1.7 2004/06/24 21:39:52

mbecke Exp \$

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jar/org/apache/commons/httpclient/WireLogOutputStream.java

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jar/org/apache/commons/httpclient/InvalidRedirectLocationException.java  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HeaderElement.java,v 1.23 2004/05/13 04:03:25  
mbecke Exp \$  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpMethod.java,v 1.43 2004/10/07 16:14:15 olegk  
Exp \$  
\* \$Revision: 480424 \$  
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jar/org/apache/commons/httpclient/HttpMethod.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/AutoCloseInputStream.java,v 1.9 2004/04/18 23:51:34 jsdever Exp \$

\* \$Revision: 505890 \$

\* \$Date: 2007-02-11 12:25:25 +0100 (Sun, 11 Feb 2007) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/protocol/DefaultProtocolSocketFactory.java

No license file was found, but licenses were detected in source scan.

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/OptionsMethod.java,v 1.15 2004/04/18  
23:51:37 jsdever Exp \$  
\* \$Revision: 480424 \$  
\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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jar/org/apache/commons/httpclient/methods/OptionsMethod.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/MalformedCookieException.java,v 1.8  
2004/05/13 04:02:00 mbecke Exp \$

\* \$Revision: 480424 \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/CredentialsNotAvailableException.java,v 1.4 2004/05/13 04:02:00 mbecke Exp \$

\* \$Revision: 480424 \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeProcessor.java,v 1.2 2004/04/18  
23:51:36 jsdever Exp \$  
\* \$Revision: 480424 \$  
\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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jar/org/apache/commons/httpclient/auth/AuthChallengeProcessor.java  
No license file was found, but licenses were detected in source scan.

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthScheme.java,v 1.12 2004/05/13 04:02:00  
mbecke Exp \$  
\* \$Revision: 480424 \$  
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jar/org/apache/commons/httpclient/auth/AuthScheme.java
No license file was found, but licenses were detected in source scan.

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/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/com
mons/httpclient/methods/FileRequestEntity.java $
* $Revision: 486665 $
* $Date: 2006-12-13 15:19:07 +0100 (Wed, 13 Dec 2006) $
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jar/org/apache/commons/httpclient/methods/FileRequestEntity.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/util/URIUtil.java,v 1.27 2004/05/05 20:34:01 olegk  
Exp \$

\* \$Revision: 507321 \$

\* \$Date: 2007-02-14 01:10:51 +0100 (Wed, 14 Feb 2007) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/util/URIUtil.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/ChunkedInputStream.java,v 1.24 2004/10/10 15:18:55 olegk Exp \$

\* \$Revision: 480424 \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/ChunkedInputStream.java

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\* \$HeadURL:

https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT\_3\_1/src/java/org/apache/com  
mons/httpclient/cookie/RFC2965Spec.java \$

\* \$Revision: 507134 \$

\* \$Date: 2007-02-13 19:18:05 +0100 (Tue, 13 Feb 2007) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/cookie/RFC2965Spec.java

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\$HeadURL:https://svn.apache.org/repos/asf/jakarta/commons/proper/httpclient/trunk/src/java/org/apache/commons/  
httpclient/cookie/CookieOrigin.java \$

\* \$Revision:400312 \$

\* \$Date:2006-05-06 14:49:41 +0200 (Sat, 06 May 2006) \$

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 jar/org/apache/commons/httpclient/cookie/CookieOrigin.java

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 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/util/TimeoutController.java,v 1.6 2004/04/18 23:51:38  
 jsdever Exp \$  
 \* \$Revision: 480424 \$  
 \* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
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jar/org/apache/commons/httpclient/util/TimeoutController.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/protocol/SecureProtocolSocketFactory.java,v 1.6  
2004/04/18 23:51:38 jsdever Exp \$

\* \$Revision: 480424 \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/ByteArrayPartSource.java,v 1.7 2004/04/18 23:51:37 jsdever Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpConnectionParams.java,v 1.6 2004/09/15 20:32:21 olegk Exp \$

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jar/org/apache/commons/httpclient/params/HttpConnectionParams.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/java,v 1.44 2004/06/05 16:49:20 olegk Exp $
* $Revision: 531354 $
* $Date: 2007-04-23 08:53:20 +0200 (Mon, 23 Apr 2007) $
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jar/org/apache/commons/httpclient/Cookie.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/util/ParameterParser.java,v 1.5 2004/05/13 04:01:22  
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jar/org/apache/commons/httpclient/util/ParameterParser.java

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commons/httpclient/src/java/org/apache/commons/httpclient/util/DateParser.java,v 1.11 2004/11/06 19:15:42  
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Found in path(s):

\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/util/DateParser.java

No license file was found, but licenses were detected in source scan.

```

/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthSchemeBase.java,v 1.7 2004/04/18 23:51:36
jsdever Exp $
 * $Revision: 480424 $
 * $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
 *
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Found in path(s):

```

* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/auth/AuthSchemeBase.java

```

No license file was found, but licenses were detected in source scan.

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/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthState.java,v 1.3 2004/11/02 19:39:16 olegk
Exp $
 * $Revision: 480424 $
 * $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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Found in path(s):

\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
 jar/org/apache/commons/httpclient/auth/AuthState.java

No license file was found, but licenses were detected in source scan.

```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
 commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeParser.java,v 1.10 2004/05/13
 04:02:00 mbecke Exp $
 * $Revision: 480424 $
 * $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/auth/AuthChallengeParser.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpParams.java,v 1.6 2004/05/13 04:01:22  
mbecke Exp \$

\* \$Revision: 480424 \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/params/HttpParams.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/cookie/IgnoreCookiesSpec.java,v 1.6 2004/09/14 20:11:31 olegk Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-



commons/httpclient/src/java/org/apache/commons/httpclient/methods/EntityEnclosingMethod.java,v 1.39

2004/07/03 14:27:03 olegk Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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jar/org/apache/commons/httpclient/methods/EntityEnclosingMethod.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthScope.java,v 1.2 2004/06/23 06:50:25 olegk  
Exp \$

\* \$Revision: 480424 \$

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jar/org/apache/commons/httpclient/auth/AuthScope.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/RFC2109Spec.java,v 1.21 2004/06/05  
16:49:20 olegk Exp \$  
\* \$Revision: 507134 \$  
\* \$Date: 2007-02-13 19:18:05 +0100 (Tue, 13 Feb 2007) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/util/DateUtil.java,v 1.2 2004/12/24 20:36:13 olegk  
Exp \$  
\* \$Revision: 480424 \$  
\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HeaderGroup.java,v 1.8 2004/05/13 04:03:25 mbecke Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpParser.java,v 1.13 2005/01/11 13:57:06 oglueck

Exp \$

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* $Revision: 533405 $
* $Date: 2007-04-28 20:19:29 +0200 (Sat, 28 Apr 2007) $
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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/HttpParser.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/CredentialsProvider.java,v 1.6 2004/07/05
22:46:59 olegk Exp $

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* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
 jar/org/apache/commons/httpclient/auth/CredentialsProvider.java  
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 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/RedirectException.java,v 1.2 2004/04/18 23:51:35  
 jsdever Exp \$  
 \* \$Revision: 480424 \$  
 \* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/RedirectException.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/SimpleHttpConnectionManager.java,v 1.23
2004/10/16 22:40:08 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/NoHttpResponseException.java,v 1.1 2004/07/05 22:46:58 olegk Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/WireLogInputStream.java,v 1.15 2004/06/24 21:39:52 mbecke Exp \$

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```

* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/WireLogInputStream.java

```

No license file was found, but licenses were detected in source scan.

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpParamsFactory.java,v 1.5 2004/05/13
04:01:22 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
*

```

```

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Found in path(s):

```

* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/params/HttpParamsFactory.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/protocol/Protocol.java,v 1.10 2004/04/18 23:51:38
jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
 jar/org/apache/commons/httpclient/protocol/Protocol.java

No license file was found, but licenses were detected in source scan.

/\*  
 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/auth/NTLM.java,v 1.11 2004/05/13 04:02:00 mbecke  
 Exp \$  
 \* \$Revision: 480424 \$  
 \* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
 \*

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/\*\*  
 \* Provides an implementation of the NTLM authentication protocol.  
 \* <p>  
 \* This class provides methods for generating authentication

\* challenge responses for the NTLM authentication protocol. The NTLM  
 \* protocol is a proprietary Microsoft protocol and as such no RFC  
 \* exists for it. This class is based upon the reverse engineering  
 \* efforts of a wide range of people.</p>  
 \*  
 \* <p>Please note that an implementation of JCE must be correctly installed  
 and configured when  
 \* using NTLM support.</p>  
 \*  
 \* <p>This class should not be used externally to HttpClient as it's API is specifically  
 \* designed to work with HttpClient's use case, in particular it's connection management.</p>  
 \*  
 \* @author <a href="mailto:adrian@ephox.com">Adrian Sutton</a>  
 \* @author <a href="mailto:jsdever@apache.org">Jeff Dever</a>  
 \* @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>  
 \*  
 \* @version \$Revision: 480424 \$ \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
 \* @since 3.0  
 \*/

Found in path(s):

\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
 jar/org/apache/commons/httpclient/auth/NTLM.java

No license file was found, but licenses were detected in source scan.

/\*  
 \* \$Header: /cvsroot/httpc-cookie2/httpc-cookie2/httpcookie2SVN-patch.082805-2100.diff,v 1.1 2005/08/29  
 05:01:58 sjain700 Exp \$

\* \$Revision:400312 \$  
 \* \$Date:2006-05-06 14:49:41 +0200 (Sat, 06 May 2006) \$

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Found in path(s):

```
* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/cookie/Cookie2.java
```

No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/CookieSpec.java,v 1.11 2004/09/14 20:11:31
olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
*
```

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Found in path(s):

\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/cookie/CookieSpec.java  
No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/RFC2617Scheme.java,v 1.10 2004/05/13 04:02:00 mbecke Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/auth/RFC2617Scheme.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpsURL.java,v 1.11 2004/09/30 17:26:41 oglueck Exp \$

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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/HttpURL.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/NameValuePair.java,v 1.17 2004/04/18 23:51:35
jsdever Exp $
* $Revision: 480424 $
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```

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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/NameValuePair.java

```

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```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/DeleteMethod.java,v 1.14 2004/04/18
23:51:37 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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 jar/org/apache/commons/httpclient/methods/DeleteMethod.java

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/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/ConnectionPoolTimeoutException.java,v 1.1  
 2004/07/05 22:46:58 olegk Exp \$

\* \$Revision: 480424 \$

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 jar/org/apache/commons/httpclient/ConnectionPoolTimeoutException.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/CookiePolicy.java,v 1.15 2004/09/14 20:11:31
olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/cookie/CookiePolicy.java
```

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/URIException.java,v 1.12 2004/09/30 18:53:20 olegk
Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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 jar/org/apache/commons/httpclient/URIException.java

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/\*  
 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/protocol/ProtocolSocketFactory.java,v 1.10  
 2004/05/13 04:01:22 mbecke Exp \$  
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/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/ExpectContinueMethod.java,v 1.13  
2004/05/08 10:12:08 olegk Exp \$  
\* \$Revision: 480424 \$  
\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/methods/ExpectContinueMethod.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/util/URLConnection.java,v 1.15 2004/04/18 23:51:38 jsdever Exp \$

\* \$Revision: 480424 \$

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ConnectMethod.java,v 1.29 2004/06/24 21:39:52
mbecke Exp $
* $Revision: 483949 $
* $Date: 2006-12-08 12:34:50 +0100 (Fri, 08 Dec 2006) $
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```

* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/ConnectMethod.java

```

No license file was found, but licenses were detected in source scan.

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/PartBase.java,v 1.5 2004/04/18
23:51:37 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
 jar/org/apache/commons/httpclient/methods/multipart/PartBase.java  
 No license file was found, but licenses were detected in source scan.

/\*  
 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/params/DefaultHttpParamsFactory.java,v 1.16  
 2004/11/20 21:48:47 mbecke Exp \$  
 \* \$Revision: 566065 \$  
 \* \$Date: 2007-08-15 10:34:30 +0200 (Wed, 15 Aug 2007) \$  
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/params/DefaultHttpParamsFactory.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/FilePart.java,v 1.19 2004/04/18  
23:51:37 jsdever Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/methods/multipart/FilePart.java

No license file was found, but licenses were detected in source scan.

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/InvalidCredentialsException.java,v 1.4 2004/05/13 04:02:00 mbecke Exp \$

\* \$Revision: 480424 \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/auth/InvalidCredentialsException.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/ProxyClient.java,v 1.5 2004/12/20 11:39:04 olegk Exp

```

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* $Revision: 480424 $
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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/ProxyClient.java

```

No license file was found, but licenses were detected in source scan.

```

/*
*
* $HeadURL:https://svn.apache.org/repos/asf/jakarta/commons/proper/httpclient/trunk/src/java/org/apache/commons/
httpclient/cookie/CookieAttributeHandler.java $

```

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* $Revision:400312 $
* $Date:2006-05-06 14:49:41 +0200 (Sat, 06 May 2006) $

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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/cookie/CookieAttributeHandler.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpState.java,v 1.38 2004/12/20 11:50:54 olegk Exp
$
* $Revision: 561099 $
* $Date: 2007-07-30 21:41:17 +0200 (Mon, 30 Jul 2007) $
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jar/org/apache/commons/httpclient/HttpState.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/StringPart.java,v 1.11 2004/04/18  
23:51:37 jsdever Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/PartSource.java,v 1.6 2004/04/18 23:51:37 jsdever Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/util/IdleConnectionTimeoutThread.java,v 1.2 2004/05/13 02:40:36 mbecke Exp \$

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jar/org/apache/commons/httpclient/util/IdleConnectionTimeoutThread.java

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\* \$HeadURL:

[https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT\\_3\\_1/src/java/org/apache/commons/httpclient/util/LangUtils.java](https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/commons/httpclient/util/LangUtils.java) \$

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jar/org/apache/commons/httpclient/util/LangUtils.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeException.java,v 1.2 2004/04/18
23:51:36 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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 jar/org/apache/commons/httpclient/auth/AuthChallengeException.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/util/ExceptionUtil.java,v 1.5 2004/10/19 18:09:46

olegk Exp \$

\* \$Revision: 480424 \$

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 jar/org/apache/commons/httpclient/util/ExceptionUtil.java



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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpStatus.java,v 1.18 2004/05/02 11:21:13 olegk Exp
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jar/org/apache/commons/httpclient/HttpStatus.java
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/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/com
mons/httpclient/URI.java $
* $Revision: 564973 $
* $Date: 2007-08-11 22:51:47 +0200 (Sat, 11 Aug 2007) $
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jar/org/apache/commons/httpclient/URI.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/CircularRedirectException.java,v 1.1 2005/01/14
19:40:39 olegk Exp $
* $Revision: 480424 $
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jar/org/apache/commons/httpclient/CircularRedirectException.java  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/HeadMethod.java,v 1.29 2004/06/13  
20:22:19 olegk Exp \$  
\* \$Revision: 480424 \$  
\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/methods/HeadMethod.java

No license file was found, but licenses were detected in source scan.

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/util/DateParseException.java,v 1.5 2004/11/06 19:15:42 mbecke Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/PutMethod.java,v 1.26 2004/04/18 23:51:37  
jsdever Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/methods/PutMethod.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpConstants.java,v 1.15 2004/04/18 23:51:35  
jsdever Exp \$

\* \$Revision: 480424 \$

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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/HttpConstants.java

```

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/CookieSpecBase.java,v 1.28 2004/11/06
19:15:42 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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jar/org/apache/commons/httpclient/cookie/CookieSpecBase.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpConnection.java,v 1.107 2005/01/14 21:30:59  
olegk Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/ProxyHost.java,v 1.2 2005/01/14 21:16:40 olegk Exp \$

\* \$Revision: 510587 \$

\* \$Date: 2007-02-22 17:56:08 +0100 (Thu, 22 Feb 2007) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-



commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpConnectionManagerParams.java,v 1.9

2004/09/13 16:25:20 olegk Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/params/HttpConnectionManagerParams.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpMethodParams.java,v 1.17 2004/10/06  
17:32:04 olegk Exp \$

\* \$Revision: 483949 \$

\* \$Date: 2006-12-08 12:34:50 +0100 (Fri, 08 Dec 2006) \$

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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/params/HttpMethodParams.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpRecoverableException.java,v 1.15 2004/07/05
22:46:58 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
*

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpConnectionManager.java,v 1.24 2004/07/05  
22:46:58 olegk Exp \$

\* \$Revision: 480424 \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/protocol/ControllerThreadSocketFactory.java,v 1.2 2004/04/18 23:51:38 jsdever Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthPolicy.java,v 1.6 2004/05/13 04:02:00 mbecke Exp \$

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*
*/
/**
* Authentication policy class. The Authentication policy provides corresponding
* authentication scheme interfrace for a given type of authorization challenge.
* <p>The following specifications are provided:
* <ul>
* <li><tt>Basic</tt>: Basic authentication scheme as defined in RFC2617
* (considered inherently insecure, but most widely supported)
* <li><tt>Digest</tt>: Digest authentication scheme as defined in RFC2617
* <li><tt>NTLM</tt>:
* The NTLM scheme is a proprietary Microsoft Windows
* Authentication protocol (considered to be the most secure among
* currently supported authentication schemes)
* </ul>
*
* @author <a href="mailto:oleg@ural.ru">Oleg Kalnichevski</a>
*
* @version $Revision: 480424 $
* @since 3.0
*/
/**
* The NTLM scheme is a proprietary Microsoft Windows Authentication
* protocol (considered to be the most secure among currently supported
```

\* authentication schemes).

\*/

Found in path(s):

\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/auth/AuthPolicy.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/cookie/NetscapeDraftSpec.java,v 1.11 2004/05/13 04:02:00 mbecke Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons/httpclient/src/java/org/apache/commons/httpclient/Credentials.java,v 1.9 2004/04/18 23:51:34 jsdever

Exp \$

\* \$Revision: 480424 \$

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jar/org/apache/commons/httpclient/Credentials.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/params/HostParams.java,v 1.5 2004/10/06 17:32:04  
olegk Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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jar/org/apache/commons/httpclient/params/HostParams.java

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\* \$Revision:400312 \$  
\* \$Date:2006-05-06 14:49:41 +0200 (Sat, 06 May 2006) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/cookie/CookiePathComparator.java  
No license file was found, but licenses were detected in source scan.

/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpURL.java,v 1.18 2004/09/30 17:26:41 oglueck  
Exp \$  
\* \$Revision: 507324 \$  
\* \$Date: 2007-02-14 01:12:11 +0100 (Wed, 14 Feb 2007) \$  
\*

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Found in path(s):

\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/HttpURL.java

No license file was found, but licenses were detected in source scan.

/\*

\* \$HeadURL:

https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT\_3\_1/src/java/org/apache/commons/httpclient/methods/StringRequestEntity.java \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/methods/StringRequestEntity.java

No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/FilePartSource.java,v 1.10 2004/04/18 23:51:37 jsdever Exp \$

```

* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/methods/multipart/FilePartSource.java
No license file was found, but licenses were detected in source scan.

```

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/NTCcredentials.java,v 1.10 2004/04/18 23:51:35
jsdever Exp $
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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/NTCredentials.java
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```

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/params/DefaultHttpParams.java,v 1.9 2004/12/21
23:15:21 olegk Exp $
* $Revision: 510589 $
* $Date: 2007-02-22 18:04:52 +0100 (Thu, 22 Feb 2007) $
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jar/org/apache/commons/httpclient/params/DefaultHttpParams.java  
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/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/ResponseConsumedWatcher.java,v 1.5 2004/04/18  
23:51:35 jsdever Exp \$  
\* \$Revision: 480424 \$  
\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-

jar/org/apache/commons/httpclient/ResponseConsumedWatcher.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpHost.java,v 1.3 2005/01/14 21:16:40 olegk Exp \$

\* \$Revision: 510587 \$

\* \$Date: 2007-02-22 17:56:08 +0100 (Thu, 22 Feb 2007) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/Wire.java,v 1.9 2004/06/24 21:39:52 mbecke Exp \$

\* \$Revision: 480424 \$

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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/Wire.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ContentLengthInputStream.java,v 1.12 2004/10/04
22:05:44 olegk Exp $
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jar/org/apache/commons/httpclient/ContentLengthInputStream.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/DefaultMethodRetryHandler.java,v 1.4 2004/07/05
22:46:58 olegk Exp $
* $Revision: 480424 $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/RequestEntity.java,v 1.4 2004/05/17 21:46:03 olegk Exp \$

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* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/com
mons/httpclient/util/ParameterFormatter.java $
* $Revision: 480424 $
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jar/org/apache/commons/httpclient/util/ParameterFormatter.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpClientError.java,v 1.4 2004/05/13 04:03:25
mbecke Exp $
* $Revision: 480424 $
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jar/org/apache/commons/httpclient/HttpClientError.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/MultipartRequestEntity.java,v 1.1
2004/10/06 03:39:59 mbecke Exp $
* $Revision: 502647 $
* $Date: 2007-02-02 17:22:54 +0100 (Fri, 02 Feb 2007) $
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jar/org/apache/commons/httpclient/methods/multipart/MultipartRequestEntity.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/util/EncodingUtil.java,v 1.8 2004/05/13 04:01:22  
mbecke Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/util/IdleConnectionHandler.java,v 1.2 2004/05/13 02:40:36 mbecke Exp \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/util/IdleConnectionHandler.java  
No license file was found, but licenses were detected in source scan.

/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/MethodRetryHandler.java,v 1.5 2004/07/05 22:46:58  
olegk Exp \$  
\* \$Revision: 480424 \$  
\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
 jar/org/apache/commons/httpclient/MethodRetryHandler.java  
 No license file was found, but licenses were detected in source scan.

/\*  
 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthenticationException.java,v 1.6 2004/05/13  
 04:02:00 mbecke Exp \$  
 \* \$Revision: 480424 \$  
 \* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
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```
* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/auth/AuthenticationException.java
No license file was found, but licenses were detected in source scan.
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpClientParams.java,v 1.7 2004/05/13
04:01:22 mbecke Exp $
* $Revision: 480424 $
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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/params/HttpClientParams.java  
No license file was found, but licenses were detected in source scan.

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/Part.java,v 1.16 2005/01/14 21:16:40 olegk Exp \$

\* \$Revision: 480424 \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/methods/multipart/Part.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/ByteArrayRequestEntity.java,v 1.3 2004/05/13 02:26:08 mbecke Exp \$

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* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/methods/ByteArrayRequestEntity.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/InputStreamRequestEntity.java,v 1.4
2004/05/17 21:46:03 olegk Exp $
* $Revision: 480424 $
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jar/org/apache/commons/httpclient/methods/InputStreamRequestEntity.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/auth/NTLMScheme.java,v 1.21 2004/05/13 04:02:00  
mbecke Exp \$

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*/
/** An implementation of the Microsoft proprietary NTLM authentication scheme. For a detailed
* explanation of the NTLM scheme please see <a href="http://davenport.sourceforge.net/ntlm.html">
* http://davenport.sourceforge.net/ntlm.html</a>.
*
* @author <a href="mailto:remm@apache.org">Remy Maucherat</a>
* @author Rodney Waldhoff
* @author <a href="mailto:jsdever@apache.org">Jeff Dever</a>
* @author Ortwin Gl??ck
* @author Sean C. Sullivan
* @author <a href="mailto:adrian@ephox.com">Adrian Sutton</a>
* @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
* @author <a href="mailto:oleg@ural.ru">Oleg Kalnichevski</a>
*/

```

Found in path(s):

```

* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/auth/NTLMScheme.java

```

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/HttpAuthRealm.java,v 1.9 2004/06/12 22:47:23
olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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jar/org/apache/commons/httpclient/auth/HttpAuthRealm.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/MultipartPostMethod.java,v 1.27 2004/10/06
03:39:59 mbecke Exp $
* $Revision: 480424 $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/ProtocolException.java,v 1.4 2004/05/13 04:03:25 mbecke Exp \$

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jar/org/apache/commons/httpclient/methods/TraceMethod.java
* /opt/cola/permits/146717996_1695304081.4632068/0/commons-httpclient-3-1-sources-
jar/org/apache/commons/httpclient/cookie/CookieVersionSupport.java
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/*
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commons/httpclient/src/java/org/apache/commons/httpclient/HttpVersion.java,v 1.6 2004/12/20 19:52:50 olegk
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jar/org/apache/commons/httpclient/HttpVersion.java
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* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/DefaultHttpMethodRetryHandler.java,v 1.3
2004/12/20 11:47:46 olegk Exp $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/UsernamePasswordCredentials.java,v 1.14 2004/04/18  
23:51:35 jsdever Exp \$  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpClient.java,v 1.98 2004/10/07 16:14:15 olegk Exp \$

\* \$Revision: 509577 \$

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commons/httpclient/src/java/org/apache/commons/httpclient/HostConfiguration.java,v 1.23 2005/01/14 21:16:40

olegk Exp \$

\* \$Revision: 510585 \$

\* \$Date: 2007-02-22 17:52:16 +0100 (Thu, 22 Feb 2007) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-  
jar/org/apache/commons/httpclient/HostConfiguration.java

No license file was found, but licenses were detected in source scan.

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpMethodDirector.java,v 1.34 2005/01/14 19:40:39  
olegk Exp \$

\* \$Revision: 486658 \$

\* \$Date: 2006-12-13 15:05:50 +0100 (Wed, 13 Dec 2006) \$

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 jar/org/apache/commons/httpclient/HttpMethodDirector.java

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 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/auth/BasicScheme.java,v 1.17 2004/05/13 04:02:00  
 mbecke Exp \$  
 \* \$Revision: 480424 \$  
 \* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$  
 \*  
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jar/org/apache/commons/httpclient/auth/BasicScheme.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/PostMethod.java,v 1.58 2004/08/08 12:50:09  
olegk Exp \$

\* \$Revision: 480424 \$

\* \$Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) \$

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\* /opt/cola/permits/146717996\_1695304081.4632068/0/commons-httpclient-3-1-sources-jar/org/apache/commons/httpclient/methods/PostMethod.java

# 1.38 httpcomponents-core 4.3

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# 1.39 mariadb-java-client 1.4.6

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- \* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/LowerCaseNamingPolicy.java
- \* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/reflect/TypeToken.java
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- /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/DefaultTypeAdapters.java
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- \* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/TypeInfoMap.java
- \* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonFieldNameValidator.java
- \* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/Primitives.java
- \* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-

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jar/com/google/gson/UpperCaseNamingPolicy.java
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/opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/TypeInfo.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
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* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
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* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
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jar/com/google/gson/ModifyFirstLetterNamingPolicy.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
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*
/opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/Escaper.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/annotations/SerializedName.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/InstanceCreator.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/JsonObjectDeserializationVisitor.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/SerializedNameAnnotationInterceptingNamingPolicy.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/GenericArrayTypeImpl.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/JsonDeserializationContext.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/ParameterizedTypeHandlerMap.java
*
/opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/ObjectNavigator.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/VersionConstants.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/JsonDeserializationVisitor.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/ModifierBasedExclusionStrategy.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonNull.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/CompositionFieldNamingPolicy.java
* /opt/cola/permits/155285502_1695310384.4576447/0/gson-1-6-sources-7-
jar/com/google/gson/TypeInfoArray.java

```

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/DisjunctionExclusionStrategy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/TypeInfoFactory.java

\*

/opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonElementVisitor.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonParseException.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonDeserializerExceptionWrapper.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/InnerClassExclusionStrategy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JavaFieldNamingPolicy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/CamelCaseSeparatorNamingPolicy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonArrayDeserializationVisitor.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonElement.java

\*

/opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/ExclusionStrategy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/Preconditions.java

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\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/ParameterizedTypeImpl.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/TypeInfoCollection.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/TypeUtils.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/DelegatingJsonElementVisitor.java

\*

/opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/FieldNamingStrategy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonDeserializer.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/annotations/Expose.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/annotations/Since.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/VersionExclusionStrategy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonSerializer.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/LowerCamelCaseSeparatorNamingPolicy.java  
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\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/ExposeAnnotationDeserializationExclusionStrategy.java

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\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/CircularReferenceException.java

\*

/opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonStreamParser.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/SyntheticFieldExclusionStrategy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/ObjectTypePair.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/LongSerializationPolicy.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/Pair.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/JsonParser.java

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\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/stream/JsonReader.java  
\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/stream/JsonWriter.java  
\*

/opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/stream/MalformedJsonException.java  
\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/stream/JsonScope.java

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\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/FieldNamingStrategy2Adapter.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/Cache.java

\*

/opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/Streams.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-jar/com/google/gson/LruCache.java

\* /opt/cola/permits/155285502\_1695310384.4576447/0/gson-1-6-sources-7-



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 */
```

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```
/*
*****
* NCSA HTTPd Server
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* National Center for Supercomputing
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* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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*
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 =====
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people  
for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

```
*/
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```
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```

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*
* -----
* Contributor.java
* -----
* (C) Copyright 2001-2004, by Object Refinery Limited.
*
* Original Author: David Gilbert (for Object Refinery Limited);
* Contributor(s): -;
*
* $Id: Contributor.java,v 1.4 2005/11/16 15:58:41 taqua Exp $
*
* Changes
* -----
* 10-Dec-2001 : Version 1 (DG);
* 28-Feb-2002 : Moved into package com.jrefinery.ui.about (DG);
```



\* 08-Oct-2002 : Fixed errors reported by Checkstyle (DG);

\*

\*/

```
package org.jfree.ui.about;
```

```
/**
```

```
* A simple class representing a contributor to a software project.
```

```
* <P>
```

```
* Used in the AboutFrame class.
```

```
*
```

```
* @author David Gilbert
```

```
*/
```

```
public class Contributor {
```

```
    /** The name. */
```

```
    private
```

```
    String name;
```

```
    /** The e-mail address. */
```

```
    private String email;
```

```
/**
```

```
* Creates a new contributor.
```

```
*
```

```
* @param name the name.
```

```
* @param email the e-mail address.
```

```
*/
```

```
public Contributor(final String name, final String email) {
```

```
    this.name = name;
```

```
    this.email = email;
```

```
}
```

```
/**
```

```
* Returns the contributor's name.
```

```
*
```

```
* @return the contributor's name.
```

```
*/
```

```
public String getName() {
```

```
    return this.name;
```

```
}
```

```
/**
```

```
* Returns the contributor's e-mail address.
```

```
*
```

```
* @return the contributor's e-mail address.
```

```
*/
```

```
public String getEmail() {
```

```

    return this.email;
}

}

/* =====
* JCommon : a free general purpose class library for the Java(tm) platform
* =====
*
* (C) Copyright 2000-2005, by Object Refinery Limited and Contributors.
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*
* -----
* Licences.java
* -----
* (C) Copyright 2001-2004, by Object Refinery Limited.
*
* Original Author: David Gilbert (for Object Refinery Limited);
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*
* $Id: Licences.java,v 1.4 2005/11/16 15:58:41 taqua Exp $
*
* Changes
* -----
* 26-Nov-2001 : Version 1 (DG);
* 29-Jan-2002 : Appended the instructions to the end of the GNU LGPL and GPL to comply with
* GNU requirements (DG);
* 28-Feb-2002 : Moved to package com.jrefinery.ui.about (DG);
* 08-Oct-2002 : Fixed errors reported by Checkstyle (DG);

```

\*  
\*/

package org.jfree.ui.about;

/\*\*

\* Contains the full texts of the GNU General Public Licence and the GNU Lesser General  
Public

\* Licence.

\* <P>

\* These are used in the presentation of a standard 'About' frame.

\*

\* @author David Gilbert

\*/

public class Licences {

/\*\* The GNU General Public Licence. \*/

public static final String GPL = "GNU GENERAL PUBLIC LICENSE\n"

+ "\n"

+ "Version 2, June 1991\n"

+ "\n"

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+ "forming a work based on the Program, and copy and distribute such modifications  
or "  
+ "work under the terms of Section 1 above, provided that you also meet all of these "  
+ "conditions:\n"  
+ "\n"  
+ "a) You must cause the modified files to carry prominent notices stating that you "  
+ "changed the files and the date of any change.\n"  
+ "\n"  
+ "b) You must cause any work that you distribute or publish, that in whole or in part "  
+ "contains or is derived from the Program or any part thereof, to be licensed as a whole "  
+ "at no charge to all third parties under the terms of this License.\n"  
+ "\n"  
+ "c) If the modified program normally reads commands interactively when run, you must "  
+ "cause it, when started running for such interactive use in the most ordinary way, to "  
+ "print or display an announcement including an appropriate copyright notice and a "  
+ "notice that there is no warranty (or else, saying that you provide a warranty) and  
"  
+ "that users may redistribute the program under these conditions, and telling the user "  
+ "how to view a copy of this License. (Exception: if the Program itself is interactive "  
+ "but does not normally print such an announcement, your work based on the Program is "  
+ "not required to print an announcement.)\n"  
+ "\n"  
+ "These requirements apply to the modified work as a whole. If identifiable sections of "  
+ "that work are not derived from the Program, and can be reasonably considered "  
+ "independent and separate works in themselves, then this License, and its terms, do not "  
+ "apply to those sections when you distribute them as separate works. But when you "  
+ "distribute the same sections as part of a whole which is a work based on the Program, "  
+ "the distribution of the whole must be on the terms of this License, whose permissions "  
+ "for other licensees extend to the  
entire whole, and thus to each and every part "  
+ "regardless of who wrote it.\n"  
+ "\n"  
+ "Thus, it is not the intent of this section to claim rights or contest your rights to "  
+ "work written entirely by you; rather, the intent is to exercise the right to control "  
+ "the distribution of derivative or collective works based on the Program.\n"  
+ "\n"  
+ "In addition, mere aggregation of another work not based on the Program with the "  
+ "Program (or with a work based on the Program) on a volume of a storage or distribution "  
+ "medium does not bring the other work under the scope of this License.\n"  
+ "\n"  
+ "3. You may copy and distribute the Program (or a work based on it, under Section 2) in "  
+ "object code or executable form under the terms of Sections 1 and 2 above provided that "

+ "you also do one of the following:\n"

+ "\n"

+ "a) Accompany it

with the complete corresponding machine-readable source code, which "

+ "must be distributed under the terms of Sections 1 and 2 above on a medium customarily "

+ "used for software interchange; or,\n"

+ "b) Accompany it with a written offer, valid for at least three years, to give any "

+ "third party, for a charge no more than your cost of physically performing source "

+ "distribution, a complete machine-readable copy of the corresponding source code, to be "

+ "distributed under the terms of Sections 1 and 2 above on a medium customarily used for "

+ "software interchange; or,\n"

+ "c) Accompany it with the information you received as to the offer to distribute "

+ "corresponding source code. (This alternative is allowed only for noncommercial "

+ "distribution and only if you received the program in object code or executable form "

+ "with such an offer, in accord with Subsection b

above.)\n"

+ "\n"

+ "The source code for a work means the preferred form of the work for making "

+ "modifications to it. For an executable work, complete source code means all the source "

+ "code for all modules it contains, plus any associated interface definition files, plus "

+ "the scripts used to control compilation and installation of the executable. However, "

+ "as a special exception, the source code distributed need not include anything that is "

+ "normally distributed (in either source or binary form) with the major components "

+ "(compiler, kernel, and so on) of the operating system on which the executable runs, "

+ "unless that component itself accompanies the executable.\n"

+ "\n"

+ "If distribution of executable or object code is made by offering access to copy from a "

+ "designated place, then offering equivalent access to copy the source code from the "

+ "same place counts as distribution of the source code, even though third parties are "

+ "not compelled to copy the source along with the object code.\n"

+ "\n"

+ "4. You may not copy, modify, sublicense, or distribute the Program except as expressly "

+ "provided under this License. Any attempt otherwise to copy, modify, sublicense or "

+ "distribute the Program is void, and will automatically terminate your rights under "

+ "this License. However, parties who have received copies, or rights, from you under "

+ "this License will not have their licenses terminated so long as such parties remain in "

+ "full compliance."

+ "\n"

+ "5. You are not required to accept this License, since you have not signed it. However, "

+ "nothing else grants you permission to modify or distribute the Program or its "

+ "derivative works. These actions are prohibited by law if you do not accept

this "

+ "License. Therefore, by modifying or distributing the Program (or any work based on the "

+ "Program), you indicate your acceptance of this License to do so, and all its terms and "

+ "conditions for copying, distributing or modifying the Program or works based on it.\n"

+ "\n"

+ "6. Each time you redistribute the Program (or any work based on the Program), the "

+ "recipient automatically receives a license from the original licensor to copy, "  
+ "distribute or modify the Program subject to these terms and conditions. You may not "  
+ "impose any further restrictions on the recipients' exercise of the rights granted "  
+ "herein. You are not responsible for enforcing compliance by third parties to this "  
+ "License."  
+ "\n"  
+ "7. If, as a consequence of a court judgment or allegation of patent infringement or "  
+ "for any other reason (not limited to patent  
issues), conditions are imposed on you "  
+ "(whether by court order, agreement or otherwise) that contradict the conditions of "  
+ "this License, they do not excuse you from the conditions of this License. If you "  
+ "cannot distribute so as to satisfy simultaneously your obligations under this License "  
+ "and any other pertinent obligations, then as a consequence you may not distribute the "  
+ "Program at all. For example, if a patent license would not permit royalty-free "  
+ "redistribution of the Program by all those who receive copies directly or indirectly "  
+ "through you, then the only way you could satisfy both it and this License would be to "  
+ "refrain entirely from distribution of the Program.\n"  
+ "\n"  
+ "If any portion of this section is held invalid or unenforceable under any particular "  
+ "circumstance, the balance of the section is intended to apply and the section as a "  
"  
+ "whole is intended to apply in other circumstances.\n"  
+ "\n"  
+ "It is not the purpose of this section to induce you to infringe any patents or other "  
+ "property right claims or to contest validity of any such claims; this section has the "  
+ "sole purpose of protecting the integrity of the free software distribution system, "  
+ "which is implemented by public license practices. Many people have made generous "  
+ "contributions to the wide range of software distributed through that system in "  
+ "reliance on consistent application of that system; it is up to the author/donor to "  
+ "decide if he or she is willing to distribute software through any other system and a "  
+ "licensee cannot impose that choice.\n"  
+ "\n"  
+ "This section is intended to make thoroughly clear what is believed to be a consequence "  
+ "of the rest of this License.\n"  
+ "\n"

+ "8. If the distribution and/or use of the Program is restricted in certain countries "  
+ "either by patents or by copyrighted interfaces, the original copyright holder who "  
+ "places the Program under this License may add an explicit geographical distribution "  
+ "limitation excluding those countries, so that distribution is permitted only in or "  
+ "among countries not thus excluded. In such case, this License incorporates the "  
+ "limitation as if written in the body of this License.\n"  
+ "\n"

+ "9. The Free Software Foundation may publish revised and/or new versions of the General "  
+ "Public License from time to time. Such new versions will be similar in spirit to the "  
+ "present version, but may differ in detail to address new problems or concerns.\n"  
+ "\n"  
+ "Each version is given a distinguishing version number. If the Program specifies a "

+ "version number of this  
License which applies to it and \"any later version\", you have "  
+ "the option of following the terms and conditions either of that version or of any "  
+ "later version published by the Free Software Foundation. If the Program does not "  
+ "specify a version number of this License, you may choose any version ever published by "  
+ "the Free Software Foundation.\n"  
+ "\n"  
+ "10. If you wish to incorporate parts of the Program into other free programs whose "  
+ "distribution conditions are different, write to the author to ask for permission. For "  
+ "software which is copyrighted by the Free Software Foundation, write to the Free "  
+ "Software Foundation; we sometimes make exceptions for this. Our decision will be "  
+ "guided by the two goals of preserving the free status of all derivatives of our free "  
+ "software and of promoting the sharing and reuse of software generally.\n"

+ "\n"  
+ "NO WARRANTY\n"  
+ "\n"  
+ "11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR  
THE "  
+ "PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE  
STATED IN "  
+ "WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM \"AS  
IS\" "  
+ "WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT  
NOT LIMITED "  
+ "TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
PURPOSE. "  
+ "THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH  
YOU. SHOULD "  
+ "THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY  
SERVICING, REPAIR OR "  
+ "CORRECTION.\n"  
+ "\n"  
+ "12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL  
ANY "  
+ "COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE  
THE PROGRAM AS "  
+ "PERMITTED  
ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, "  
+ "INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO  
USE THE "  
+ "PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED  
INACCURATE "  
+ "OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO  
OPERATE "  
+ "WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN  
ADVISED OF THE "  
+ "POSSIBILITY OF SUCH DAMAGES.\n"



```

+ "\n"
+ "END OF TERMS AND CONDITIONS\n"
+ "\n"
+ "\n"
+ "How to Apply These Terms to Your New Programs\n"
+ "\n"
+ "If you develop a new program, and you want it to be of the greatest possible use to "
+ "the public, the best way to achieve this is to make it free software which everyone "
+ "can redistribute and change under these terms.\n"
+ "\n"
+ "To do so, attach the following notices
to the program. It is safest to attach them to "
+ "the start of each source file to most effectively convey the exclusion of warranty; "
+ "and each file should have at least the \"copyright\" line and a pointer to where the "
+ "full notice is found.\n"
+ "\n"
+ "<one line to give the program's name and a brief idea of what it does.>\n"
+ "Copyright (C) <year> <name of author>\n"
+ "\n"
+ "This program is free software; you can redistribute it and/or modify it under the "
+ "terms of the GNU General Public License as published by the Free Software Foundation; "
+ "either version 2 of the License, or (at your option) any later version.\n"
+ "\n"
+ "This program is distributed in the hope that it will be useful, but WITHOUT ANY "
+ "WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A "
+ "PARTICULAR PURPOSE. See the GNU General Public
License for more details.\n"
+ "\n"
+ "You should have received a copy of the GNU General Public License along with this "
+ "program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite "
+ "330, Boston, MA 02111-1307 USA\n"
+ "\n"
+ "Also add information on how to contact you by electronic and paper mail.\n"
+ "\n"
+ "If the program is interactive, make it output a short notice like this when it starts "
+ "in an interactive mode:\n"
+ "\n"
+ "Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with "
+ "ABSOLUTELY NO WARRANTY; for details type `show w'.\n"
+ "This is free software, and you are welcome to redistribute it under certain "
+ "conditions; type `show c' for details.\n"
+ "\n"
+ "The hypothetical commands `show w' and `show c' should show the appropriate parts of "
+ "the
General Public License. Of course, the commands you use may be called something "
+ "other than `show w' and `show c'; they could even be mouse-clicks or menu items"
+ "--whatever suits your program.\n"
+ "\n"

```

```

+ "You should also get your employer (if you work as a programmer) or your school, if "
+ "any, to sign a \"copyright disclaimer\" for the program, if necessary. Here is a "
+ "sample; alter the names:\n"
+ "\n"
+ "Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' "
+ "(which makes passes at compilers) written by James Hacker.\n"
+ "\n"
+ "<signature of Ty Coon>, 1 April 1989\n"
+ "Ty Coon, President of Vice\n"
+ "\n"
+ "This General Public License does not permit incorporating your program into "
+ "proprietary programs. If your program is a subroutine library, you may consider it "
+ "more useful
to permit linking proprietary applications with the library. If this is "
+ "what you want to do, use the GNU Library General Public License instead of this "
+ "License.\n";

/** The GNU Lesser General Public Licence. */
public static final String LGPL = "GNU LESSER GENERAL PUBLIC LICENSE\n"
+ "\n"
+ "Version 2.1, February 1999\n"
+ "\n"
+ "Copyright (C) 1991, 1999 Free Software Foundation, Inc.\n"
+ "59 Temple Place, Suite 330, Boston, MA 02111-1307 USA\n"
+ "Everyone is permitted to copy and distribute verbatim copies of this license document, "
+ "but changing it is not allowed.\n"
+ "\n"
+ "[This is the first released version of the Lesser GPL. It also counts as the "
+ "successor of the GNU Library Public License, version 2, hence the version number "
+ "2.1.]\n"
+ "\n"
+ "Preamble\n"
+ "\n"
+ "The licenses for most
software are designed to take away your freedom to share and "
+ "change it. By contrast, the GNU General Public Licenses are intended to guarantee your "
+ "freedom to share and change free software--to make sure the software is free for all "
+ "its users.\n"
+ "\n"
+ "This license, the Lesser General Public License, applies to some specially designated "
+ "software packages--typically libraries--of the Free Software Foundation and other "
+ "authors who decide to use it. You can use it too, but we suggest you first think "
+ "carefully about whether this license or the ordinary General Public License is the "
+ "better strategy to use in any particular case, based on the explanations below.\n"
+ "\n"
+ "When we speak of free software, we are referring to freedom of use, not price. Our "
+ "General Public Licenses are designed to make sure that you have the freedom to "

```

+ "distribute copies of free software (and charge for this service if you wish); that you "

+ "receive source code or can get it if you want it; that you can change the software and "

+ "use pieces of it in new free programs; and that you are informed that you can do these "

+ "things.\n"

+ "\n"

+ "To protect your rights, we need to make restrictions that forbid distributors to deny "

+ "you these rights or to ask you to surrender these rights. These restrictions translate "

+ "to certain responsibilities for you if you distribute copies of the library or if you "

+ "modify it.\n"

+ "\n"

+ "For example, if you distribute copies of the library, whether gratis or for a fee, you "

+ "must give the recipients all the rights that we gave you. You must make sure that "

+ "they, too, receive or can get the source code. If you link other code with the "

+ "library, you must

provide complete object files to the recipients, so that they can "

+ "relink them with the library after making changes to the library and recompiling it. "

+ "And you must show them these terms so they know their rights.\n"

+ "\n"

+ "We protect your rights with a two-step method: (1) we copyright the library, and (2) "

+ "we offer you this license, which gives you legal permission to copy, distribute and/or "

+ "modify the library.\n"

+ "\n"

+ "To protect each distributor, we want to make it very clear that there is no warranty "

+ "for the free library. Also, if the library is modified by someone else and passed on, "

+ "the recipients should know that what they have is not the original version, so that "

+ "the original author's reputation will not be affected by problems that might be "

+ "introduced by others.\n"

+ "\n"

+ "Finally, software patents pose

a constant threat to the existence of any free program. "

+ "We wish to make sure that a company cannot effectively restrict the users of a free "

+ "program by obtaining a restrictive license from a patent holder. Therefore, we insist "

+ "that any patent license obtained for a version of the library must be consistent with "

+ "the full freedom of use specified in this license.\n"

+ "\n"

+ "Most GNU software, including some libraries, is covered by the ordinary GNU General "

+ "Public License. This license, the GNU Lesser General Public License, applies to "

+ "certain designated libraries, and is quite different from the ordinary General Public "

+ "License. We use this license for certain libraries in order to permit linking those "

+ "libraries into non-free programs.\n"

+ "\n"

+ "When a program is linked with a library, whether statically or using a shared library, "

+ "the combination of the two is legally speaking a combined work, a derivative of the "

+ "original library. The ordinary General Public License therefore permits such linking "

+ "only if the entire combination fits its criteria of freedom. The Lesser General Public "

+ "License permits more lax criteria for linking other code with the library.\n"

+ "\n"

+ "We call this license the \"Lesser\" General Public License because it does Less to "

+ "protect the user's freedom than the ordinary General Public License. It also provides "

+ "other free software developers Less of an advantage over competing non-free programs. "

+ "These disadvantages are the reason we use the ordinary General Public License for many "

+ "libraries. However, the Lesser license provides advantages in certain special "

+ "circumstances.\n"

+ "\n"

+ "For example, on rare occasions, there may be a special  
need to encourage the widest "

+ "possible use of a certain library, so that it becomes a de-facto standard. To achieve "

+ "this, non-free programs must be allowed to use the library. A more frequent case is "

+ "that a free library does the same job as widely used non-free libraries. In this case, "

+ "there is little to gain by limiting the free library to free software only, so we use "

+ "the Lesser General Public License.\n"

+ "\n"

+ "In other cases, permission to use a particular library in non-free programs enables a "

+ "greater number of people to use a large body of free software. For example, permission "

+ "to use the GNU C Library in non-free programs enables many more people to use the "

+ "whole GNU operating system, as well as its variant, the GNU/Linux operating system.\n"

+ "\n"

+ "Although the Lesser General Public License is Less protective of the users' freedom,  
"

+ "it does ensure that the user of a program that is linked with the Library has the "

+ "freedom and the wherewithal to run that program using a modified version of the "

+ "Library.\n"

+ "\n"

+ "The precise terms and conditions for copying, distribution and modification follow. "

+ "Pay close attention to the difference between a \"work based on the library\" and a "

+ "\"work that uses the library\". The former contains code derived from the library, "

+ "whereas the latter must be combined with the library in order to run.\n"

+ "\n"

+ "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION\n"

+ "\n"

+ "0. This License Agreement applies to any software library or other program which "

+ "contains a notice placed by the copyright holder or other authorized party saying it "

+ "may be distributed under the terms of this Lesser General Public License  
(also called "

+ "\"this License\"). Each licensee is addressed as \"you\"."

+ "\n"

+ "A \"library\" means a collection of software functions and/or data prepared so as to "

+ "be conveniently linked with application programs (which use some of those functions "

+ "and data) to form executables.\n"

+ "\n"

+ "The \"Library\", below, refers to any such software library or work which has been "

+ "distributed under these terms. A \"work based on the Library\" means either the "

+ "Library or any derivative work under copyright law: that is to say, a work containing "

+ "the Library or a portion of it, either verbatim or with modifications and/or "

+ "translated straightforwardly into another language. (Hereinafter, translation is "

+ "included without limitation in the term \"modification\").)\n"

+ "\n"

+ "\"Source code\" for a work means the preferred form of  
the work for making "

+ "modifications to it. For a library, complete source code means all the source code for "

+ "all modules it contains, plus any associated interface definition files, plus the "

+ "scripts used to control compilation and installation of the library.\n"

+ "\n"

+ "Activities other than copying, distribution and modification are not covered by this "

+ "License; they are outside its scope. The act of running a program using the Library is "

+ "not restricted, and output from such a program is covered only if its contents "

+ "constitute a work based on the Library (independent of the use of the Library in a "

+ "tool for writing it). Whether that is true depends on what the Library does and what "

+ "the program that uses the Library does."

+ "\n"

+ "1. You may copy and distribute verbatim copies of the Library's complete source code "

+ "as you receive  
it, in any medium, provided that you conspicuously and appropriately "

+ "publish on each copy an appropriate copyright notice and disclaimer of warranty; keep "

+ "intact all the notices that refer to this License and to the absence of any warranty; "

+ "and distribute a copy of this License along with the Library.\n"

+ "\n"

+ "You may charge a fee for the physical act of transferring a copy, and you may at your "

+ "option offer warranty protection in exchange for a fee.\n"

+ "\n"

+ "2. You may modify your copy or copies of the Library or any portion of it, thus "

+ "forming a work based on the Library, and copy and distribute such modifications or "

+ "work under the terms of Section 1 above, provided that you also meet all of these "

+ "conditions:\n"

+ "\n"

+ "\* a) The modified work must itself be a software library.\n"

+ "\* b) You must cause the  
files modified to carry prominent notices stating that you "

+ "changed the files and the date of any change.\n"

+ "\* c) You must cause the whole of the work to be licensed at no charge to all third "

+ "parties under the terms of this License.\n"

+ "\* d) If a facility in the modified Library refers to a function or a table of data "

+ "to be supplied by an application program that uses the facility, other than as an "

+ "argument passed when the facility is invoked, then you must make a good faith effort "

+ "to ensure that, in the event an application does not supply such function or table, "

+ "the facility still operates, and performs whatever part of its purpose remains "

+ "meaningful.\n"

+ "\n"

+ "(For example, a function in a library to compute square roots has a purpose that is "

+ "entirely well-defined independent of the application. Therefore, Subsection 2d "

+ "requires that any application-supplied function or table used by this function must be "

+ "optional: if the application does not supply it, the square root function must still "

+ "compute square roots.)\n"

+ "\n"

+ "These requirements apply to the modified work as a whole. If identifiable sections of "

+ "that work are not derived from the Library, and can be reasonably considered "

+ "independent and separate works in themselves, then this License, and its terms, do not "

+ "apply to those sections when you distribute them as separate works. But when you "

+ "distribute the same sections as part of a whole which is a work based on the Library, "

+ "the distribution of the whole must be on the terms of this License, whose permissions "

+ "for other licensees extend to the entire whole, and thus to each and every part "

+ "regardless of who wrote it.\n"

+ "\n"

+ "Thus, it is not the intent of this section to claim rights or contest your rights to "

+ "work written entirely by you; rather, the intent is to exercise the right to control "

+ "the distribution of derivative or collective works based on the Library.\n"

+ "\n"

+ "In addition, mere aggregation of another work not based on the Library with the "

+ "Library (or with a work based on the Library) on a volume of a storage or distribution "

+ "medium does not bring the other work under the scope of this License.\n"

+ "\n"

+ "3. You may opt to apply the terms of the ordinary GNU General Public License instead "

+ "of this License to a given copy of the Library. To do this, you must alter all the "

+ "notices that refer to this License, so that they refer to the ordinary GNU General "

+ "Public License, version 2, instead of to this License. (If a newer version than "

+ "version 2 of

the ordinary GNU General Public License has appeared, then you can "

+ "specify that version instead if you wish.) Do not make any other change in these "

+ "notices.\n"

+ "\n"

+ "Once this change is made in a given copy, it is irreversible for that copy, so the "

+ "ordinary GNU General Public License applies to all subsequent copies and derivative "

+ "works made from that copy.\n"

+ "\n"

+ "This option is useful when you wish to copy part of the code of the Library into a "

+ "program that is not a library.\n"

+ "\n"

+ "4. You may copy and distribute the Library (or a portion or derivative of it, under "

+ "Section 2) in object code or executable form under the terms of Sections 1 and 2 above "

+ "provided that you accompany it with the complete corresponding machine-readable source "

+ "code, which must be distributed under the terms of Sections 1 and 2 above

on a medium "

+ "customarily used for software interchange.\n"

+ "\n"

+ "If distribution of object code is made by offering access to copy from a designated "

+ "place, then offering equivalent access to copy the source code from the same place "

+ "satisfies the requirement to distribute the source code, even though third parties are "

+ "not compelled to copy the source along with the object code.\n"

+ "\n"

+ "5. A program that contains no derivative of any portion of the Library, but is "

+ "designed to work with the Library by being compiled or linked with it, is called a "

+ "\"work that uses the Library\". Such a work, in isolation, is not a derivative work of "

+ "the Library, and therefore falls outside the scope of this License.\n"

+ "\n"

+ "However, linking a \"work that uses the Library\" with the Library creates an "

+ "executable that is a derivative

of the Library (because it contains portions of the "

+ "Library), rather than a \"work that uses the library\". The executable is therefore "

+ "covered by this License. Section 6 states terms for distribution of such executables.\n"

+ "\n"

+ "When a \"work that uses the Library\" uses material from a header file that is part of "

+ "the Library, the object code for the work may be a derivative work of the Library even "

+ "though the source code is not. Whether this is true is especially significant if the "

+ "work can be linked without the Library, or if the work is itself a library. The "

+ "threshold for this to be true is not precisely defined by law.\n"

+ "\n"

+ "If such an object file uses only numerical parameters, data structure layouts and "

+ "accessors, and small macros and small inline functions (ten lines or less in length), "

+ "then the use of the object file

is unrestricted, regardless of whether it is legally a "

+ "derivative work. (Executables containing this object code plus portions of the Library "

+ "will still fall under Section 6.)\n"

+ "\n"

+ "Otherwise, if the work is a derivative of the Library, you may distribute the object "

+ "code for the work under the terms of Section 6. Any executables containing that work "

+ "also fall under Section 6, whether or not they are linked directly with the Library "

+ "itself.\n"

+ "\n"

+ "6. As an exception to the Sections above, you may also combine or link a \"work that "

+ "uses the Library\" with the Library to produce a work containing portions of the "

+ "Library, and distribute that work under terms of your choice, provided that the terms "

+ "permit modification of the work for the customer's own use and reverse engineering for "

+ "debugging such modifications.\n"

+ "\n"

+ "You must give prominent notice with each copy of the work that the Library is used in "

+ "it and that the Library and its use are covered by this License. You must supply a "

+ "copy of this License. If the work during execution displays copyright notices, you "

+ "must include the copyright notice for the Library among them, as well as a reference "

+ "directing the user to the copy of this License. Also, you must do one of these "

+ "things:\n"

+ "\n"

+ "\* a) Accompany the work with the complete corresponding machine-readable source "

+ "code for the Library including whatever changes were used in the work (which must be "

+ "distributed under Sections 1 and 2 above); and, if the work is an executable linked "

+ "with the Library, with the complete machine-readable \"work that uses the Library\", "

+ "as object code and/or source code, so that the user

can modify the Library and then "

+ "relink to produce a modified executable containing the modified Library. (It is "

+ "understood that the user who changes the contents of definitions files in the Library "

+ "will not necessarily be able to recompile the application to use the modified "

+ "definitions.)\n"

+ "\* b) Use a suitable shared library mechanism for linking with the Library. A "

+ "suitable mechanism is one that (1) uses at run time a copy of the library already "

+ "present on the user's computer system, rather than copying library functions into the "

+ "executable, and (2) will operate properly with a modified version of the library, if "

+ "the user installs one, as long as the modified version is interface-compatible with "

+ "the version that the work was made with.\n"

+ "\* c) Accompany the work with a written offer, valid for at least three years, to "

+ "

"give the same user the materials specified in Subsection 6a, above, for a charge no "

+ "more than the cost of performing this distribution.\n"

+ "\* d) If distribution of the work is made by offering access to copy from a "

+ "designated place, offer equivalent access to copy the above specified materials from "

+ "the same place.\n"

+ "\* e) Verify that the user has already received a copy of these materials or that "

+ "you have already sent this user a copy.\n"

+ "\n"

+ "For an executable, the required form of the \"work that uses the Library\" must "

+ "include any data and utility programs needed for reproducing the executable from it. "

+ "However, as a special exception, the materials to be distributed need not include "

+ "anything that is normally distributed (in either source or binary form) with the major "

+ "components (compiler, kernel, and so on) of the operating

system on which the "

+ "executable runs, unless that component itself accompanies the executable.\n"

+ "\n"

+ "It may happen that this requirement contradicts the license restrictions of other "

+ "proprietary libraries that do not normally accompany the operating system. Such a "

+ "contradiction means you cannot use both them and the Library together in an executable "

+ "that you distribute.\n"

+ "\n"

+ "7. You may place library facilities that are a work based on the Library side-by-side "

+ "in a single library together with other library facilities not covered by this "

+ "License, and distribute such a combined library, provided that the separate "

+ "distribution of the work based on the Library and of the other library facilities is "

+ "otherwise permitted, and provided that you do these two things:\n"

+ "\n"

+ "\* a) Accompany the combined library

with a copy of the same work based on the "

+ "Library, uncombined with any other library facilities. This must be distributed under "

+ "the terms of the Sections above.\n"

+ "\* b) Give prominent notice with the combined library of the fact that part of it is "

+ "a work based on the Library, and explaining where to find the accompanying uncombined "

+ "form of the same work.\n"

+ "\n"

+ "8. You may not copy, modify, sublicense, link with, or distribute the Library except "

+ "as expressly provided under this License. Any attempt otherwise to copy, modify, "



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+ "terminate your rights under this License. However, parties who have received copies, "  
+ "or rights, from you under this License will not have their licenses terminated so "  
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+ "\n"  
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+ "\n"  
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+ "recipient automatically receives a license from the original licensor to copy, "  
+ "distribute, link with or modify the Library subject to these terms and conditions. You "  
+ "may not impose any further restrictions on the recipients' exercise of the rights  
"  
+ "granted herein. You are not responsible for enforcing compliance by third parties with "  
+ "this License.\n"  
+ "\n"  
+ "11. If, as a consequence of a court judgment or allegation of patent infringement or "  
+ "for any other reason (not limited to patent issues), conditions are imposed on you "  
+ "(whether by court order, agreement or otherwise) that contradict the conditions of "  
+ "this License, they do not excuse you from the conditions of this License. If you "  
+ "cannot distribute so as to satisfy simultaneously your obligations under this License "  
+ "and any other pertinent obligations, then as a consequence you may not distribute the "  
+ "Library at all. For example, if a patent license would not permit royalty-free "  
+ "redistribution of the Library by all those who receive copies directly or indirectly "  
+ "through you, then the only way you could satisfy both it  
and this License would be to "  
+ "refrain entirely from distribution of the Library.\n"  
+ "\n"  
+ "If any portion of this section is held invalid or unenforceable under any particular "  
+ "circumstance, the balance of the section is intended to apply, and the section as a "  
+ "whole is intended to apply in other circumstances.\n"  
+ "\n"  
+ "It is not the purpose of this section to induce you to infringe any patents or other "  
+ "property right claims or to contest validity of any such claims; this section has the "  
+ "sole purpose of protecting the integrity of the free software distribution system "  
+ "which is implemented by public license practices. Many people have made generous "  
+ "contributions to the wide range of software distributed through that system in "  
+ "reliance on consistent application of that system; it is up to the author/donor to "  
+ "decide if he or  
she is willing to distribute software through any other system and a "  
+ "licensee cannot impose that choice.\n"  
+ "\n"  
+ "This section is intended to make thoroughly clear what is believed to be a consequence "  
+ "of the rest of this License.\n"

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+ "either by patents or by copyrighted interfaces, the original copyright holder who "

+ "places the Library under this License may add an explicit geographical distribution "

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+ "13. The Free Software Foundation may publish revised and/or new versions of the Lesser "

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+ "\n"

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+ "\n"

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+ "POSSIBILITY OF SUCH DAMAGES.\n"

+ "\n"

+ "END OF TERMS AND CONDITIONS\n"

+ "\n"

+ "\n"

+ "How to Apply These Terms to Your New Libraries\n"

+ "\n"

+ "If you develop a new library, and you want it to be of the greatest possible use to "

+ "the public, we recommend making it free software that everyone can redistribute and "

+ "change. You can do so by permitting redistribution under these terms (or, "

+ "alternatively, under the terms of the ordinary General Public License).\n"

+ "\n"

+ "To apply these terms, attach the following notices to the library. It is safest to "

+ "attach them to the start of each source file to most effectively convey the exclusion "

+ "of warranty; and each file should have at least the \"copyright\" line and a pointer "

+ "to where the full notice is found.\n"

+ "\n"

+ "<one line to give the library's name and a brief idea of what it does.>\n"

+ "Copyright (C) <year> <name of author>\n"

+ "\n"

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+ "\n"

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+ "Suite 330, Boston, MA 02111-1307 USA\n"

+ "\n"

+ "Also add information on how to contact you by electronic and paper mail.\n"

+ "\n"

+ "You should also get your employer (if you work as a programmer) or your school, if "

```

+ "any, to
sign a \"copyright disclaimer\" for the library, if necessary. Here is a "
+ "sample; alter the names:\n"
+ "\n"
+ "Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a "
+ "library for tweaking knobs) written by James Random Hacker.\n"
+ "\n"
+ "<signature of Ty Coon>, 1 April 1990\n"
+ "Ty Coon, President of Vice\n"
+ "\n"
+ "That's all there is to it!\n";

```

```

/** The singleton instance of this class. */
private static Licences singleton;

/**
 * Returns a reference to this class.
 *
 * @return the instance reference.
 */
public static Licences getInstance() {
    if (singleton == null) {
        singleton = new Licences();
    }
    return singleton;
}

/**
 * Returns the GPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 *
 * @return the GPL licence
text.
 */
public String getGPL() {
    return GPL;
}

/**
 * Returns the LGPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 *
 * @return the LGPL licence text.
 */
public String getLGPL() {
    return LGPL;
}
}

```

# 1.56 mailapi 1.4.2

## 1.57 loopy 0.5

### 1.57.1 Available under license :

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Version 2.1, February 1999

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as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less

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

operating system, as well as its variant, the GNU/Linux operating system.

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

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

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0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

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

The "Library", below, refers to any such software library or work

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

"Source code"

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

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

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

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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Once this change is made in a given copy, it is irreversible for

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

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

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

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the

Library even though the source code is not.

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

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

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

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

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

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

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

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

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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

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

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

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

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

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## 1.58 vcloud-java-sdk 1.5.0

## 1.59 minizip 1.01

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# 1.62 oro 2.0.8

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\* \$Id: PatternCacheLRU.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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\* \$Id: PatternMatcherInput.java,v 1.7 2003/11/07 20:16:25 dfs Exp \$

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 jar/org/apache/oro/text/regex/PatternMatcherInput.java

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\* \$Id: CacheLRU.java,v 1.10 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: QuestionNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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jar/org/apache/oro/text/awk/AwkMatchResult.java

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\* \$Id: AwkMatcher.java,v 1.11 2003/11/07 20:16:24 dfs Exp \$

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- \* Determines if the contents of a `PatternMatcherInput`, starting from the
- \* current offset of the input contains a pattern.
- \* If a pattern match is found, a `MatchResult`
- \* instance representing the `<b>first</b>` such match is made accessible via
- \* `{@link #getMatch()}`. The current offset of the
- \* `PatternMatcherInput` is set to the offset corresponding to the end
- \* of the match, so that a subsequent call to this method will continue
- \* searching where the last call left off. You should remember that the
- \* region between the begin and end offsets of the `PatternMatcherInput` are
- \* considered the input to be searched, and that the current offset
- \* of the `PatternMatcherInput` reflects where a search will start from.
- \* Matches extending beyond the end offset of the `PatternMatcherInput`
- \* will not be matched. In other words, a match must occur entirely
- \* between the begin and end offsets of the input. See
- \* `{@link org.apache.oro.text.regex.PatternMatcherInput PatternMatcherInput}`
- \* for more details.
- \* `<p>`
- \* As a side effect, if a match is found, the `PatternMatcherInput` match
- \* offset information is updated. See



the PatternMatcherInput

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

Found in path(s):

```
* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/org/apache/oro/text/awk/AwkMatcher.java
```

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jar/org/apache/oro/util/GenericCacheEntry.java

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\* \$Id: Perl5Compiler.java,v 1.21 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: PatternCacheFIFO.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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jar/org/apache/oro/text/DefaultMatchAction.java

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\* \$Id: Perl5MatchResult.java,v 1.8 2003/11/07 20:16:25 dfs Exp \$

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jar/org/apache/oro/text/regex/Perl5MatchResult.java

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\* \$Id: GenericPatternCache.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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 jar/org/apache/oro/text/GenericPatternCache.java

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\* \$Id: NegativeCharacterClassNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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\* \$Id: CharStringPointer.java,v 1.7 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: substituteExample.java,v 1.8 2003/11/07 20:16:23 dfs Exp \$

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 jar/org/apache/oro/text/regex/Perl5Pattern.java

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\* \$Id: matchesContainsExample.java,v 1.7 2003/11/07 20:16:23 dfs Exp \$

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\* \$Id: SyntaxNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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\* \$Id: CacheFIFO2.java,v 1.7 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: CacheRandom.java,v 1.7 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: AwkPattern.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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* $Id: substituteExample.java,v 1.9 2003/11/07 20:16:23 dfs Exp $
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\* \$Id: CharacterClassNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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jar/org/apache/oro/text/perl/MalformedPerl5PatternException.java

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\* \$Id: MalformedPatternException.java,v 1.8 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: LeafNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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\* \$Id: semicolon.java,v 1.8 2003/11/07 20:16:23 dfs Exp \$

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\* \$Id: MatchAction.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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jar/org/apache/oro/text/regex/Perl5Matcher.java

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\* \$Id: EpsilonNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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\* \$Id: PatternCacheFIFO2.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$

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\* \$Id: StringSubstitution.java,v 1.8 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: printPasswd.java,v 1.8 2003/11/07 20:16:23 dfs Exp \$

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 \* \$Id: MalformedCachePatternException.java,v 1.7 2003/11/07 20:16:24 dfs Exp \$  
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jar/org/apache/oro/text/MalformedCachePatternException.java
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/*
* $Id: oroToApache.java,v 1.7 2003/11/07 20:16:26 dfs Exp $
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\* \$Id: Substitution.java,v 1.7 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: ParsedSubstitutionEntry.java,v 1.7 2003/11/07 20:16:25 dfs Exp \$

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\* \$Id: Perl5FilenameFilter.java,v 1.7 2003/11/07 20:16:23 dfs Exp \$

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* $Id: CacheFIFO.java,v 1.7 2003/11/07 20:16:25 dfs Exp $
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## 1.69 jaxen 1.1-beta-6

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## 1.71 jline 2.14.6

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/\*\*

- \* Creates a new {[@link GeneratorAdapter](#)}. *Subclasses must not use this*
- \* constructor*<i>*. Instead, they must use the
- \* {[@link #GeneratorAdapter\(int, MethodVisitor, int, String, String\)](#)}

```

* version.
*
* @param mv
*     the
method visitor to which this adapter delegates calls.
* @param access
*     the method's access flags (see { @link Opcodes }).
* @param name
*     the method's name.
* @param desc
*     the method's descriptor (see { @link Type Type }).
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

```

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*/
/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
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 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

```

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*/
/**

```

```

* Creates a new JSRInliner. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
* version.

```

```

* @param mv
*

```

```

the <code>MethodVisitor</code> to send the resulting inlined
* method code to (use <code>>null</code> for none).
* @param access
* the method's access flags (see { @link Opcodes}). This
* parameter also indicates if the method is synthetic and/or
* deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see { @link Type}).
* @param signature
* the method's signature. May be <tt>>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* { @link Type#getInternalName() getInternalName}). May be
* <tt>>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

```

Found in path(s):

```

* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

```

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*/
```

Found in path(s):

```
*/opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/TypePath.java
*/opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/TypeReference.java
```

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*/
/**
 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 *     a reference to the annotated type. See {@link TypeReference}.
 * @param typePath
 *     the path to the annotated type argument, wildcard bound, array
 *     element type, or static inner type within 'typeRef'. May be
 *     <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 *     the first instructions corresponding to the continuous ranges
 *     that make the scope of this local variable (inclusive).
 * @param end
 *     the last instructions corresponding to the continuous ranges
 *     that make the scope of this local variable (exclusive). This
 *     array must have the same size as the 'start' array.
 * @param index
 *     the local variable's index in each range. This array must have
 *     the same size as the 'start' array.
 * @param desc
 *     the class descriptor of
the annotation class.
*/

```

Found in path(s):

\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java

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- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/FieldVisitor.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
- \*
- /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/optimizer/ConstantPool.java
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- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/analysis/SourceValue.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/InnerClassNode.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/Attribute.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/commons/SimpleRemapper.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/ParameterNode.java
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- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/Handle.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/IntInsnNode.java
- \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/util/ASMifier.java

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 \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/commons/RemappingClassAdapter.java  
 \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/util/TraceClassVisitor.java  
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 \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/MethodVisitor.java  
 \* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/FieldWriter.java  
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\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/util/CheckFieldAdapter.java  
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\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/Context.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/ByteVector.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/Label.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/AbstractInsnNode.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/JumpInsnNode.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/analysis/Interpreter.java  
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/opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/analysis/Analyzer.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/commons/InstructionAdapter.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/cola/permits/1001477447\_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/util/TraceFieldVisitor.java

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* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-
jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-
jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-
jar/org/objectweb/asm/commons/Method.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-
jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
*
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```
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```

```
*/
```

```
/**
```

```
* Constructs a new {@link ClassNode}. Subclasses must not use this
```

```
* constructor. Instead, they must use the {@link #ClassNode\(int}
```

```
* version.
```

```
*
```

```
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/
```

Found in path(s):

```
*/opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/tree/ClassNode.java
```

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```
/**
```

```
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```

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```

```
*/
```

```
/**
```

```
* Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
```

```
* constructor</i>. Instead, they must use the
```

```
* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
```

```
* version.
```

```
*
```

```
* @param owner
```

```
*
```

```
the owner's class name.
```

```
* @param access
```



```
*      the method's access flags (see { @link Opcodes }).
* @param name
*      the method's name.
* @param desc
*      the method's descriptor (see { @link Type Type }).
* @param mv
*      the method visitor to which this adapter delegates calls. May
*      be <tt>null</tt>.
* @throws IllegalStateException
*      If a subclass calls this constructor.
*/
```

Found in path(s):

```
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java
```

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```
/**
```

```
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```

Found in path(s):

```
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/xml/SAXAdapter.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
*
/opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/xml/ASMContentHandler.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/xml/Processor.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1001477447_1646171664.97/0/asm-5-0-1-sources-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
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# 1.74 postgresql-jdbc 9.4.1208

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## 1.77 jnr-a64asm 1.0.0

## 1.78 mockito 2.0.2-beta

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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/MessageInterpolator.java

\*

/opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ConstraintValidatorContext.java

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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/spi/ConfigurationState.java  
\*  
/opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ConstraintViolationException.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ConstraintValidatorFactory.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ValidatorFactory.java  
\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ValidatorContext.java

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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ParameterNameProvider.java

\*

/opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/ConstructorDescriptor.java

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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/ConstraintDescriptor.java

\*

/opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/GroupDefinitionException.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ConstraintDeclarationException.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/Validation.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/AssertFalse.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/TraversableResolver.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Future.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Size.java

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\*

/opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/spi/BootstrapState.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/Payload.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-

```

jar/javax/validation/ConstraintDefinitionException.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/spi/ValidationProvider.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/ValidationException.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/Null.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/Valid.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/groups/Default.java
*
/opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/OverridesAttribute.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/Min.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/UnexpectedTypeException.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/bootstrap/GenericBootstrap.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/Digits.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/Past.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/Max.java
*
/opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/Pattern.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/ConstraintValidator.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/ValidationProviderResolver.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/Scope.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/PropertyDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/metadata/ElementDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/constraints/NotNull.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-
jar/javax/validation/Constraint.java

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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/executable/ValidateOnExecution.java

\*

/opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/executable/ExecutableType.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/metadata/ReturnValueDescriptor.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/executable/ExecutableValidator.java

\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-  
jar/javax/validation/ElementKind.java

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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-

jar/javax/validation/GroupSequence.java

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\* /opt/cola/permits/1005661449\_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/groups/ConvertGroup.java

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@c ispell-local-pdict: "ispell-dict"

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Version 3, 29 June 2007

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*****  
*  
* @author: zhang  
* @version: $Revision$  
* @created: Apr 24, 2009  
*  
*/
```

\* Description: A KeySpec for PKCS#1 encoded RSA private key

\*

\*\*\*\*\*/

Found

in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1016929268\_1591896924.34/0/oauth-20100527-sources-jar/net/oauth/signature/pem/PKCS1EncodedKeySpec.java

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\* /opt/ws\_local/PERMITS\_SQL/1016929268\_1591896924.34/0/oauth-20100527-sources-jar/net/oauth/signature/pem/Asn1Object.java

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\* /opt/ws\_local/PERMITS\_SQL/1016929268\_1591896924.34/0/oauth-20100527-sources-jar/net/oauth/OAuthConsumer.java  
\* /opt/ws\_local/PERMITS\_SQL/1016929268\_1591896924.34/0/oauth-20100527-sources-jar/net/oauth/signature/HMAC\_SHA1.java

```
* /opt/ws_local/PERMITS_SQL/1016929268_1591896924.34/0/oauth-20100527-sources-
jar/net/oauth/signature/PLAINTEXT.java
*
/opt/ws_local/PERMITS_SQL/1016929268_1591896924.34/0/oauth-20100527-sources-
jar/net/oauth/ConsumerProperties.java
* /opt/ws_local/PERMITS_SQL/1016929268_1591896924.34/0/oauth-20100527-sources-jar/net/oauth/OAuth.java
* /opt/ws_local/PERMITS_SQL/1016929268_1591896924.34/0/oauth-20100527-sources-
jar/net/oauth/signature/OAuthSignatureMethod.java
* /opt/ws_local/PERMITS_SQL/1016929268_1591896924.34/0/oauth-20100527-sources-
jar/net/oauth/OAuthProblemException.java
* /opt/ws_local/PERMITS_SQL/1016929268_1591896924.34/0/oauth-20100527-sources-
jar/net/oauth/OAuthAccessor.java
* /opt/ws_local/PERMITS_SQL/1016929268_1591896924.34/0/oauth-20100527-sources-
jar/net/oauth/OAuthServiceProvider.java
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\*\*\*\*\*

\*

\* @author: zhang

\* @version: \$Revision\$

\* @created: Apr 24, 2009

\*

\* Description: A class to decode PEM files

\*

\*\*\*\*\*/

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in path(s):

\*/opt/ws\_local/PERMITS\_SQL/1016929268\_1591896924.34/0/oauth-20100527-sources-jar/net/oauth/signature/pem/PEMReader.java

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- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-  
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 \* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-  
 jar/org/dom4j/tree/ElementIterator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-  
 jar/org/dom4j/ElementHandler.java  
 \* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/CDATA.java  
 \* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/Document.java  
 \* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/rule/Action.java  
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\* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-  
 jar/org/dom4j/DocumentHelper.java  
 \* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-  
 jar/org/dom4j/io/SAXReader.java  
 \* /opt/ws\_local/PERMITS\_SQL/1034543185\_1588830303.8/0/dom4j-2-1-3-sources-  
 jar/org/dom4j/io/SAXHelper.java

## 1.95 aop-alliance 2.3.0-b10

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\* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

\* atf-c/ui.c: The format\_paragraph and format\_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

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\* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io\_test.cpp: These files were derived from the file\_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* admin/check-style.sh,  
admin/check-style-common.awk,  
admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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-->

<!-- \$Id\$ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

xmlns:xi="http://www.w3.org/2001/XInclude"

xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '#10;'))"/>

<xsl:text>#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '#10;')"/>

<xsl:if test="translate(\$rest, '#9;#32;', '')">

```

    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param
name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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  </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
      <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

```

<!--

- Local variables:

- mode: sgml

- End:

-->

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## 1.100 asm 5.0.3

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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-

jar/org/objectweb/asm/xml/package.html

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/\*\*

\* Creates a new JSRInliner. *<i>Subclasses must not use this*

\* constructor*</i>*. Instead, they must use the

\* `{ @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}`

\* version.

\*

\* @param mv

\*

the `MethodVisitor` to send the resulting inlined

\* method code to (use `null` for none).

\* @param access

\* the method's access flags (see `{ @link Opcodes}`). This

\* parameter also indicates if the method is synthetic and/or

\* deprecated.

\* @param name

\* the method's name.

```

* @param desc
*     the method's descriptor (see { @link Type}).
* @param signature
*     the method's signature. May be <tt>null</tt>.
* @param exceptions
*     the internal names of the method's exception classes (see
*     { @link Type#getInternalName() getInternalName}). May be
*     <tt>null</tt>.
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

```

Found in path(s):

```

/opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
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```

```

* Constructs a new { @link LocalVariableAnnotationNode }. <i>Subclasses must
* not use this constructor</i>. Instead, they must use the
* { @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
* version.
*
* @param typeRef
*     a reference to the annotated type. See { @link TypeReference }.
* @param typePath
*     the path to the annotated type argument, wildcard bound, array
*     element type, or static inner type within 'typeRef'. May be
*     <tt>null</tt> if the annotation targets 'typeRef' as a whole.
* @param start
*     the first instructions corresponding to the continuous ranges
*     that make the scope of this local variable (inclusive).
* @param end
*     the last instructions corresponding to the continuous ranges
*     that make the scope of this local variable (exclusive). This
*     array must have the same size as the 'start' array.
* @param index
*     the local variable's index in each range. This array must have
*     the same size as the 'start' array.
* @param desc
*     the class descriptor of
the annotation class.
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
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```

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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXFieldAdapter.java

\*  
/opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/Processor.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXClassAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/ASMContentHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
jar/org/objectweb/asm/xml/SAXCodeAdapter.java

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\*/

```
/**
 * Constructs a new {@link ClassNode}. Subclasses must not use this
 * constructor. Instead, they must use the {@link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
 *     If a subclass calls this constructor.
 */
```

Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/ClassNode.java
```

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 */
/**
 * Creates a new {@link GeneratorAdapter}. Subclasses must not use this
 * constructor. Instead, they must use the
 * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
```

```

* version.
*
* @param mv
*     the
method visitor to which this adapter delegates calls.
* @param access
*     the method's access flags (see { @link Opcodes }).
* @param name
*     the method's name.
* @param desc
*     the method's descriptor (see { @link Type Type }).
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/commons/GeneratorAdapter.java

```

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\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/signature/SignatureWriter.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/Method.java

\*

/opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/TraceSignatureVisitor.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/AbstractInsnNode.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/FieldWriter.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/TraceClassVisitor.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java

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/opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/BasicValue.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/ClassVisitor.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/IntInsnNode.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/commons/AdviceAdapter.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/LineNumberNode.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/AnnotationNode.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/optimizer/Constant.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/Context.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java

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/opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/tree/VarInsnNode.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-

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 jar/org/objectweb/asm/Frame.java  
 \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
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 jar/org/objectweb/asm/tree/InsnList.java  
 \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
 jar/org/objectweb/asm/Handler.java  
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 jar/org/objectweb/asm/tree/TryCatchBlockNode.java  
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 \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
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 jar/org/objectweb/asm/ByteVector.java  
 \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
 jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
 jar/org/objectweb/asm/AnnotationWriter.java  
 \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
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 \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-  
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 jar/org/objectweb/asm/commons/TableSwitchGenerator.java  
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jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/Label.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/Handle.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
*
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/ClassWriter.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/signature/SignatureReader.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/commons/Remapper.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/MethodWriter.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
*
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
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- \*/

Found in path(s):

- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/ASMifiable.java
- \* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-jar/org/objectweb/asm/util/Textifiable.java

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```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/analysis/package.html
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/commons/package.html
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/util/package.html
*
/opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/package.html
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/tree/package.html
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/signature/package.html
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```

```
Found in path(s):
```

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
```

jar/org/objectweb/asm/TypePath.java

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-

jar/org/objectweb/asm/TypeReference.java

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\*/

/\*\*

\* Constructs a new {@link Textifier}. *Subclasses must not use this*

\* constructor. Instead, they must use the {@link #Textifier(int)}

\* version.

\*

\* @throws IllegalStateException

\* If a subclass calls this constructor.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1073269102\_1595440672.31/0/asm-5-0-3-sources-2-

jar/org/objectweb/asm/util/Textifier.java



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\*/

/\*\*

\* Creates a new {@link AnalyzerAdapter}. *Subclasses must not use this*

\* constructor*.* Instead, they must use the

\* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}

\* version.

\*

\* @param owner

\*

the owner's class name.

\* @param access

\* the method's access flags (see {@link Opcodes}).

\* @param name

\* the method's name.

\* @param desc

\* the method's descriptor (see {@link Type Type}).

\* @param mv

```
*      the method visitor to which this adapter delegates calls. May
*      be <tt>null</tt>.
* @throws IllegalStateException
*      If a subclass calls this constructor.
*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java
```

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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-frames.properties
```

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-writer.properties
```

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-resize.properties
```

```
*
```

```
/opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-annotations.properties
```

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink-signatures.properties
```

```
* /opt/ws_local/PERMITS_SQL/1073269102_1595440672.31/0/asm-5-0-3-sources-2-
jar/org/objectweb/asm/optimizer/shrink.properties
```

## 1.101 bouncy-castle 1.66

### 1.101.1 Available under license :

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```
/**
```

```
* Poly1305 message authentication code, designed by D. J. Bernstein.
```

```
* <p>
```

```
* Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key
```

\* consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106  
\* effective key bits) used in the authenticator.  
\* <p>  
\* The polynomial calculation in this implementation is adapted from the public domain <a  
\* href="https://github.com/floodyberry/poly1305-donna">poly1305-donna-unrolled</a> C implementation  
\* by Andrew M (@floodyberry).  
\* @see Poly1305KeyGenerator  
\*/

Found in path(s):

\* /opt/cola/permits/1073667234\_1609801741.08/0/bcprov-jdk15to18-1-66-sources-  
jar/org/bouncycastle/crypto/macs/Poly1305.java

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jar/org/bouncycastle/LICENSE.java

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public DomainParameters(BigInteger p, BigInteger g, BigInteger q, BigInteger j,

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// now keep space is free to use

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\* SPHINCS-256 signer.

\* <p>

\* This implementation is heavily based on the reference implementation in SUPERCOP, the main difference being the digests used

\* for message hashing and tree construction are now configurable (within limits...) and that the implementation produces

\* detached signatures.

\* </p>

\* <p>

\* The SPHINCS reference implementation is public domain, as per the statement in the second last paragraph of

\* section 1 in <https://eprint.iacr.org/2014/795.pdf>

\* </p>

\*/

Found in path(s):

\* /opt/cola/permits/1073667234\_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/pqc/crypto/sphincs/SPHINCS256Signer.java

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/\*\*

\* Magic value for proprietary OpenSSH private key.

\*\*/

Found in path(s):

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\*/opt/cola/permits/1073667234\_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/pqc/math/ntru/euclid/test/IntEuclideanTest.java

## 1.102 jackson 1.9.0

### 1.102.1 Available under license :

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*/
```

Found in path(s):

\*/opt/cola/permits/1078139635\_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-jar/org/codehaus/jackson/JsonParser.java  
 \*/opt/cola/permits/1078139635\_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-jar/org/codehaus/jackson/Base64Variant.java  
 \*/opt/cola/permits/1078139635\_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-jar/org/codehaus/jackson/JsonFactory.java

\*

/opt/cola/permits/1078139635\_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-jar/org/codehaus/jackson/JsonStreamContext.java  
\* /opt/cola/permits/1078139635\_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-jar/org/codehaus/jackson/Base64Variants.java  
\* /opt/cola/permits/1078139635\_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-jar/org/codehaus/jackson/JsonGenerator.java  
\* /opt/cola/permits/1078139635\_1602070746.96/0/jackson-core-asl-1-9-0-sources-2-jar/org/codehaus/jackson/util/ByteArrayBuilder.java

## 1.103 jackson 1.9.5

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## 1.104 jackson-mapper-asl 1.9.13

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```
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```

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*/
```

Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1078286973_1597285663.32/0/jackson-mapper-asl-1-9-13-sources-2-  
jar/org/codehaus/jackson/map/MappingJsonFactory.java
```

## 1.105 jersey 1.4-ea06

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Last updated: 2009-02-28

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## Constant-time SSSE3 AES core implementation.

## version 0.1

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\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/xml/SAXClassAdapter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/xml/SAXAdapter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java  
\*  
/opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/xml/Processor.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/xml/SAXFieldAdapter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/xml/ASMContentHandler.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/xml/SAXCodeAdapter.java

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\*/

/\*\*

- \* Creates a new {@link GeneratorAdapter}. *Subclasses must not use this*  
\* constructor*.* Instead, they must use the  
\* {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}

```

* version.
*
* @param mv
*     the
method visitor to which this adapter delegates calls.
* @param access
*     the method's access flags (see { @link Opcodes }).
* @param name
*     the method's name.
* @param desc
*     the method's descriptor (see { @link Type Type }).
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

```

Found in path(s):

```

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/commons/GeneratorAdapter.java

```

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*/
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 *
 the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>>null</code> for none).
 * @param access
 * the method's access flags (see {@link Opcodes}). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type}).
 * @param signature
 * the method's signature. May be <tt>>null</tt>.
 * @param exceptions
 * the internal names of the method's exception classes (see
 * {@link Type#getInternalName() getInternalName}). May be
 * <tt>>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

```

Found in path(s):

```

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

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*/
/**
 * Constructs a new {@link ClassNode}. Subclasses must not use this
 * constructor. Instead, they must use the {@link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

```

Found in path(s):

```

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/ClassNode.java

```

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/\*\*

\* Constructs a new { @link Textifier}. <i>Subclasses must not use this  
\* constructor</i>. Instead, they must use the { @link #Textifier(int)}  
\* version.  
\*  
\* @throws IllegalStateException  
\* If a subclass calls this constructor.  
\*/

Found in path(s):

\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/Textifier.java

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\* Constructs a new {@link LocalVariableAnnotationNode}. *Subclasses must*  
\* not use this constructor. Instead, they must use the  
\* {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}  
\* version.  
\*

\* @param typeRef

\* a reference to the annotated type. See {@link TypeReference}.

\* @param typePath

\* the path to the annotated type argument, wildcard bound, array  
\* element type, or static inner type within 'typeRef'. May be  
\* `null` if the annotation targets 'typeRef' as a whole.

\* @param start

\* the first instructions corresponding to the continuous ranges  
\* that make the scope of this local variable (inclusive).

\* @param end

\* the last instructions corresponding to the continuous ranges  
\* that make the scope of this local variable (exclusive). This  
\* array must have the same size as the 'start' array.

\* @param index

\* the local variable's index in each range. This array must have  
\* the same size as the 'start' array.

\* @param desc

\* the class descriptor of

the annotation class.

\*/

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jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java

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- \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Type.java
- \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/AnnotationWriter.java
- \*
  - /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
  - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/NameMapping.java
  - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/Printer.java
  - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/Shrinker.java
  - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/Method.java
  - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
  - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
  - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
  - \*
    - /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassWriter.java
    - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Attribute.java
    - \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-

jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/MethodInsnNode.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/MethodVisitor.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/util/TraceFieldVisitor.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/analysis/SourceValue.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/commons/AdviceAdapter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/commons/Remapper.java  
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/opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/analysis/BasicValue.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/FieldWriter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ByteVector.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/AbstractInsnNode.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/analysis/Interpreter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/JumpInsnNode.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/commons/TableSwitchGenerator.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/FieldNode.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/FieldInsnNode.java  
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/opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/LabelNode.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/util/CheckSignatureAdapter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/analysis/BasicVerifier.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/commons/CodeSizeEvaluator.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/commons/InstructionAdapter.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/IntInsnNode.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/commons/RemappingClassAdapter.java  
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/opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java  
\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassReader.java



\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/VarInsnNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Value.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/StaticInitMerger.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java  
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 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/JarOptimizer.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/LocalVariablesSorter.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/Constant.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TypeAnnotationNode.java  
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 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TryCatchBlockNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/ClassOptimizer.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/ASMifier.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceClassVisitor.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Frame.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java  
 \*

/opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/analysis/AnalyzerException.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/analysis/Subroutine.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/InnerClassNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/ParameterNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/LocalVariableNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/analysis/Analyzer.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/analysis/SmallSet.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java  
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 /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/TypeInsnNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/util/TraceSignatureVisitor.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/InsnNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/optimizer/MethodOptimizer.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/util/CheckFieldAdapter.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Frame.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/util/CheckMethodAdapter.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/commons/SimpleRemapper.java  
 \*  
 /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/AnnotationNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/FieldVisitor.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Context.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/util/TraceMethodVisitor.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Handler.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
 jar/org/objectweb/asm/tree/MethodNode.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InsnList.java  
 \* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-

```
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
*
/opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Item.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Edge.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/optimizer/ConstantPool.java
*
/opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/util/CheckClassAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/signature/SignatureVisitor.java
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```

```
/**
```

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\*/

/\*\*

\* Creates a new {@link AnalyzerAdapter}. *<i>*Subclasses must not use this  
\* constructor*</i>*. Instead, they must use the  
\* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}  
\* version.  
\*  
\* @param owner  
\*  
\* the owner's class name.  
\* @param access  
\* the method's access flags (see {@link Opcodes}).  
\* @param name  
\* the method's name.  
\* @param desc  
\* the method's descriptor (see {@link Type Type}).  
\* @param mv  
\* the method visitor to which this adapter delegates calls. May  
\* be `<tt>null</tt>`.  
\* @throws IllegalStateException  
\* If a subclass calls this constructor.  
\*/

Found in path(s):

\*/opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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annotations.properties

\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink-  
frames.properties

\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink-  
resize.properties

\*

/opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink-  
signatures.properties

\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-  
jar/org/objectweb/asm/optimizer/shrink.properties

\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink-  
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\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/TypeReference.java  
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\* /opt/cola/permits/1135863767\_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/Textifiable.java  
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## 1.122 commons-lang3 3.2.1

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## 1.123 commons-codec 1.3

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\* /opt/cola/permits/1135953634\_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/binary/package.html

\*

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\* /opt/cola/permits/1135953634\_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/Encoder.java

\*

/opt/cola/permits/1135953634\_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/StringEncodings.java

\* /opt/cola/permits/1135953634\_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/QCodec.java

\* /opt/cola/permits/1135953634\_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/RFC1522Codec.java

\* /opt/cola/permits/1135953634\_1613641193.46/0/commons-codec-1-3-sources-1-

```

jar/org/apache/commons/codec/StringEncoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/binary/Base64.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/net/BCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/binary/BinaryCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/language/RefinedSoundex.java
*
/opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/DecoderException.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/StringEncoderComparator.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/language/Soundex.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/BinaryEncoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/binary/Hex.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/net/QuotedPrintableCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/language/Metaphone.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/Decoder.java
*
/opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/language/SoundexUtils.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/StringDecoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/BinaryDecoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/EncoderException.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
jar/org/apache/commons/codec/language/DoubleMetaphone.java

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## 1.124 commons-logging 1.1

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- \* /opt/cola/permits/1135953085\_1613641336.59/0/commons-logging-1-1-sources-10-jar/org/apache/commons/logging/Log.java
- \* /opt/cola/permits/1135953085\_1613641336.59/0/commons-logging-1-1-sources-10-jar/org/apache/commons/logging/impl/LogFactoryImpl.java
- \*
- /opt/cola/permits/1135953085\_1613641336.59/0/commons-logging-1-1-sources-10-jar/org/apache/commons/logging/impl/Log4JLogger.java
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- \* /opt/cola/permits/1135953085\_1613641336.59/0/commons-logging-1-1-sources-10-jar/org/apache/commons/logging/LogConfigurationException.java
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- \* /opt/cola/permits/1136044940\_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/PathConverter.java
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\* /opt/cola/permits/1136044940\_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/ParametersDelegate.java  
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jar/com/beust/jcommander/validators/PositiveInteger.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-
jar/com/beust/jcommander/IPParameterValidator2.java
*
/opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-
jar/com/beust/jcommander/IPParameterValidator.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-
jar/com/beust/jcommander/validators/NoValueValidator.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-
jar/com/beust/jcommander/validators/NoValidator.java
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## 1.129 slf4j 1.7.25

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Found in path(s):

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/spi/LocationAwareLogger.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/Logger.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/impl/StaticMarkerBinder.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/MarkerFactory.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/Marker.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/LoggerFactory.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/helpers/BasicMarkerFactory.java

\*

/opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/helpers/BasicMDCAdapter.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/helpers/BasicMarker.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/spi/MarkerFactoryBinder.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/spi/LoggerFactoryBinder.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/helpers/NOPMDCAdapter.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-  
zip/org/slf4j/impl/StaticLoggerBinder.java

\* /opt/cola/permits/1126029915\_1611547194.91/0/slf4j-api-1-7-25-sources-

```

zip/org/slf4j/helpers/MessageFormatter.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/spi/MDCAdapter.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/impl/StaticMDCBinder.java
*
/opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/helpers/NOPLogger.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/ILoggerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/helpers/Util.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/SubstituteLogger.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/MDC.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/MarkerIgnoringBase.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/NOPLoggerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/SubstituteLoggerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/NamedLoggerBase.java
*
/opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/FormattingTuple.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/IMarkerFactory.java

```

## 1.130 commons-logging 1.0.4

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```

Found in path(s):

```

* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-

```

```

jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/SimpleLog.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/LogConfigurationException.java
*
/opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/Log4jFactory.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/LogSource.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/Jdk14Logger.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/LogFactory.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/Log4JLogger.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/AvalonLogger.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/LogKitLogger.java
*
/opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/Log.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/LogFactoryImpl.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/NoOpLog.java
* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-
jar/org/apache/commons/logging/impl/Log4JCategoryLog.java

```

## 1.131 jzlib 1.1.5

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\* /opt/cola/permits/1136411479\_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/ZStreamException.java

\* /opt/cola/permits/1136411479\_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/InfTree.java

\* /opt/cola/permits/1136411479\_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/StaticTree.java

\* /opt/cola/permits/1136411479\_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/InfCodes.java

\*

/opt/cola/permits/1136411479\_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Tree.java

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* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Deflater.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/InfBlocks.java
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* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/JZlib.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/GZIPInputStream.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Checksum.java
*
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- \* /opt/cola/permits/1136411479\_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/ZStream.java
- \* /opt/cola/permits/1136411479\_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Inflate.java
- \* /opt/cola/permits/1136411479\_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Adler32.java

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\*

/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/enums/package.html

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/package.html

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-

jar/org/apache/commons/lang/overview.html

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-

jar/org/apache/commons/lang/text/package.html

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-

jar/org/apache/commons/lang/builder/package.html

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jar/org/apache/commons/lang/time/package.html

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jar/org/apache/commons/lang/IntHashMap.java

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\*

/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/NumberUtils.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/math/Range.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/builder/ReflectionToStringBuilder.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/math/IntRange.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/SerializationUtils.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/math/NumberRange.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/NullArgumentException.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/CharSet.java

\*

/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/SerializationException.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/IncompleteArgumentException.java

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\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/time/StopWatch.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/text/StrMatcher.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/CharUtils.java

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/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/text/StrBuilder.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/builder/CompareToBuilder.java



\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/mutable/MutableDouble.java

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\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/exception/NestableError.java

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/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/mutable/MutableObject.java

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\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/enum/ValuedEnum.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/mutable/MutableInt.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/enums/EnumUtils.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/LocaleUtils.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/CharEncoding.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/text/StrSubstitutor.java

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/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/enums/Enum.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/mutable/MutableLong.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/builder/StandardToStringStyle.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/BooleanUtils.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/math/DoubleRange.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/text/CompositeFormat.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/time/FastDateFormat.java

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/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/exception/ExceptionUtils.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/builder/HashCodeBuilder.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/time/DurationFormatUtils.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/enum/EnumUtils.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/text/StrLookup.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/CharRange.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/mutable/MutableShort.java  
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/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/exception/NestableRuntimeException.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/builder/ToStringStyle.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/math/LongRange.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/exception/NestableDelegate.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/IllegalClassException.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/NotImplementedException.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/StringEscapeUtils.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/ArrayUtils.java  
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/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/BitField.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/UnhandledException.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/RandomStringUtils.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/StringUtils.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/builder/EqualsBuilder.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/Validate.java  
\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/exception/Nestable.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/builder/ToStringBuilder.java

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\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/math/FloatRange.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/mutable/Mutable.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/Entities.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/enum/Enum.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/ObjectUtils.java

\* /opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/CharSetUtils.java

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/opt/cola/permits/1137117148\_1614015975.39/0/commons-lang-2-2-sources-3-jar/org/apache/commons/lang/math/JVMRandom.java

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jar/org/fusesource/hawtbuf/codec/AbstractBufferCodec.java
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jar/org/fusesource/hawtbuf/codec/FixedBufferCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/DataByteArrayInputStream.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/AsciiBuffer.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/codec/StringCodec.java
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jar/org/fusesource/hawtbuf/codec/BufferCodec.java
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jar/org/fusesource/hawtbuf/ByteArrayInputStream.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/codec/VariableCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
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* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/codec/VarLongCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
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jar/org/fusesource/hawtbuf/BufferInputStream.java
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jar/org/fusesource/hawtbuf/codec/VarIntegerCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/ByteArrayOutputStream.java
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* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/HexSupport.java
*
/opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/codec/VarSignedIntegerCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/codec/UTF8BufferCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/BufferEditor.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-jar/org/fusesource/hawtbuf/Buffer.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/codec/ObjectCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/DataByteArrayOutputStream.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/codec/BytesCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/BufferOutputStream.java
*
/opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/codec/LongCodec.java
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 */

```

Found in path(s):

```

* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-
jar/org/fusesource/hawtbuf/AbstractVarIntSupport.java

```

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layout: about\_page

title: License

visible\_title: "Ehcache Licensing"

active\_sub\_menu\_id: ehc\_mnu\_about\_license

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 * web-site: http://scream3r.org | http://code.google.com/p/java-simple-serial-connector/
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```

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```
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
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\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/Util.java

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\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/util/CopyOnWriteMap.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/util/AbstractCopyOnWriteMap.java

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Found in path(s):

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/ServerAddress.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/BasicDBList.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/BasicBSONCallback.java

\*

/opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/DB.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/ReflectionDBObject.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/BSONLazyDecoder.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/LazyWriteableDBDecoder.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/io/BasicOutputBuffer.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/DBCallback.java

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```

* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DefaultDBDecoder.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/types/BasicBSONList.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/util/JSONParseException.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/Bytes.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/Response.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBPortPool.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MapReduceOutput.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/types/MaxKey.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/LazyDBObject.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/OutMessage.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoOptions.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoException.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBDecoder.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBTCPConnector.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/LazyDBCallback.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/BasicBSONDecoder.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/BasicBSONEncoder.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/util/SimplePool.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/io/PoolOutputBuffer.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/util/JSONCallback.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/util/ClassMap.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/types/MinKey.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

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```

jar/com/mongodb/DefaultDBCallback.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBAddress.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/GroupCommand.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/CommandResult.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/LazyWriteableDBCallback.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/gridfs/GridFSDBFile.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/WriteResult.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBPointer.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBPort.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBCcollection.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBConnector.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBEncoderFactory.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/io/BSONInput.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/util/JSON.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/BSONObject.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/ReplicaSetStatus.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/io/Bits.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/BasicDBObjectBuilder.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/io/OutputBuffer.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/RawDBObject.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/Mongo.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoInternalException.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBApiLayer.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

```

```

jar/org/bson/BasicBSONObject.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/BSONDecoder.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/util/Args.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/ServerError.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/util/MyAsserts.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/LazyWriteableDBObject.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBRef.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/LazyBSONCallback.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/LazyBSONDecoder.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBCursor.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/BasicDBObject.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/DBRefBase.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/BSONCallback.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/types/BSONTimestamp.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/gridfs/GridFSFile.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/LazyDBDecoder.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/gridfs/GridFS.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/types/ObjectId.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/gridfs/CLI.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/BSON.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/Transformer.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/gridfs/GridFSInputFile.java
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jar/com/mongodb/MongoConnectionPoolMXBean.java
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jar/org/bson/types/Symbol.java
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- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/WeakBag.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/FastStack.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/io/ByteBufferOutputStream.java
- \*
- /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/io/ByteBufferInputStream.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/io/ByteBufferHolder.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/types/Code.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/io/ByteStream.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/OptionMap.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/ThreadUtil.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/TimeConstants.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/Hash.java
- \*
- /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/IdentitySet.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/StringParseUtil.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/ThreadPool.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/io/ByteBufferFactory.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/DBObject.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/types/CodeWScope.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/UniqueList.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-



jar/com/mongodb/util/StringBuilderPool.java

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\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/DBEncoder.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/BSONEncoder.java

\*

/opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/ReadPreference.java

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jar/org/bson/EmptyBSONCallback.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/org/bson/KeyCachingLazyBSONObject.java

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jar/org/bson/util/StringRangeSet.java

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\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/com/mongodb/util/management/JMException.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/com/mongodb/InUseConnectionBean.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/com/mongodb/util/management/jmx/JMXMBeanServer.java

\*

/opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/com/mongodb/tools/ConnectionPoolStat.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/com/mongodb/util/management/NullMBeanServer.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/com/mongodb/util/management/MBeanServer.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/com/mongodb/util/management/MBeanServerFactory.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

jar/com/mongodb/LazyDBEncoder.java

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jar/com/mongodb/util/SimplePool.java

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jar/org/bson/util/annotations/ThreadSafe.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/util/annotations/GuardedBy.java  
\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/util/annotations/NotThreadSafe.java  
\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/util/annotations/Immutable.java

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Found in path(s):

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/MapReduceCommand.java

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Found in path(s):

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/types/Binary.java

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Found in path(s):

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/QueryOperators.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/QueryBuilder.java

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\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/Base64Codec.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/ObjectSerializer.java

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\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/LazyBSONObject.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/io/BSONByteBuffer.java

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/WriteConcern.java

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Found in path(s):

\* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-

```
jar/com/mongodb/CommandFailureException.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoCredentialsStore.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/NativeAuthenticationHelper.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/WriteConcernException.java
```

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```
/**
```

```
* from postgresql jdbc driver:
* postgresql-jdbc-9.0-801.src
```

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```
*/
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```
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/org/bson/io/UTF8Encoding.java
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```
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoClientURI.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoClient.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoConnectionPool.java
*
/opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoInterruptedException.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/Java5MongoConnectionPool.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoClientOptions.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoCredential.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/MongoAuthority.java
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Found in path(s):

- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/DynamicConnectionStatus.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/util/ConnectionPoolStatisticsBean.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/Java5MongoConnectionPoolMBean.java
- \*
- /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/ConnectionStatus.java
- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/com/mongodb/MongosStatus.java

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- \* /opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/BSONException.java

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Found in path(s):

```
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/util/AbstractObjectSerializer.java
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Found in path(s):

```
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/util/JSONSerializers.java
* /opt/cola/permits/1145067365_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-
jar/com/mongodb/util/ClassMapBasedObjectSerializer.java
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Found in path(s):

\*/opt/cola/permits/1145067365\_1623988533.62/0/mongo-java-driver-2-11-3-sources-2-jar/org/bson/NewBSONDecoder.java

# 1.143 servlet-api 6.0.20

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*/
/**
* Container for the parameters to the {@link
com.amazonaws.services.simpleworkflow.AmazonSimpleWorkflow#respondDecisionTaskCompleted(RespondDeci
sionTaskCompletedRequest) RespondDecisionTaskCompleted operation}.
* <p>
* Used by deciders to tell the service that the DecisionTask identified by the <code>taskToken</code> has
successfully
completed. The
* <code>decisions</code> argument specifies the list of decisions made while processing the task.
* </p>
* <p>
* A
* <code>DecisionTaskCompleted</code> event is added to the workflow history. The
<code>executionContext</code> specified is attached
* to the event in the workflow execution history.
* </p>
* <p>
* <b>Access Control</b>
* </p>
* <p>
* If an IAM policy grants permission to use <code>RespondDecisionTaskCompleted</code> , it can express
permissions for the list of decisions in the
* <code>decisions</code> parameter in the same way as for the regular API. This approach maintains a uniform
conceptual model and helps keep policies
* readable. For more information, see <a href="http://docs.aws.amazon.com/amazonswf/latest/developerguide/swf-
dev-iam.html"> Using IAM to Manage Access
* to Amazon SWF Workflows </a> .
* </p>
*
* @see
com.amazonaws.services.simpleworkflow.AmazonSimpleWorkflow#respondDecisionTaskCompleted(RespondDeci
sionTaskCompletedRequest)
*/

```

Found in path(s):

```

* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/model/RespondDecisionTaskCompletedRequest.java
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jar/com/amazonaws/handlers/AsyncHandler.java

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\* <p>  
\* Registers a new <i>workflow type</i> and its configuration settings  
\* in the specified domain.  
\* </p>  
\* <p>  
\* The retention period for the workflow history is set by the  
\* RegisterDomain action.  
\* </p>  
\* <p>  
\* <b>IMPORTANT:</b> If the type already exists, then a TypeAlreadyExists  
\* fault is returned. You cannot change the configuration settings of a  
\* workflow type once it is registered and it must be registered as a new  
\* version.  
\* </p>  
\* <p>

\* **Access Control**

\*

\*

\* You can use IAM policies to control this action's access to Amazon SWF resources as follows:

\*

- \* Use a `Resource` element with the domain name to limit the action to only specified domains.
- \* Use an `Action` element to allow or deny permission to call this action.
- \* Constrain the following parameters by using a `Condition` element with the appropriate keys.
  - \* `defaultTaskList` : String constraint. The key is `swf:defaultTaskList.name` .
  - \* `name` : String constraint. The key is `swf:name` .
  - \* `version` : String constraint. The key is `swf:version` .

\*

\*

\*

\*

\*

\* If the caller does not have sufficient permissions to invoke the action, or the parameter values fall outside the specified constraints, the action fails by throwing `OperationNotPermitted` . For details and example IAM policies, see [docs.aws.amazon.com/amazonswf/latest/developerguide/swf-dev-iam.html](https://docs.aws.amazon.com/amazonswf/latest/developerguide/swf-dev-iam.html) .

\* Using IAM to Manage Access to Amazon SWF Workflows .

\*

\* @param registerWorkflowTypeRequest Container for the necessary parameters to execute the RegisterWorkflowType operation on AmazonSimpleWorkflow.

\*

\* @return A Java Future object containing the response from the RegisterWorkflowType service method, as returned by AmazonSimpleWorkflow.

\*

\* @throws AmazonClientException

\* If any internal errors are encountered inside the client while attempting to make the request or handle the response. For example

```

*         if a network connection is not available.
* @throws AmazonServiceException
*         If an error response is returned by AmazonSimpleWorkflow indicating
*         either a problem with the data in the request, or a server side issue.
*/
/**
* <p>
* Used by deciders to tell the service that the DecisionTask identified
* by the <code>taskToken</code> has successfully completed. The
* <code>decisions</code> argument specifies the list of decisions made
* while processing the task.
* </p>
* <p>
* A
* <code>DecisionTaskCompleted</code> event is added
* to the workflow history. The <code>executionContext</code> specified
* is attached to the event in the workflow execution history.
* </p>
* <p>
* <b>Access Control</b>
* </p>
* <p>
* If an IAM policy grants permission to use
* <code>RespondDecisionTaskCompleted</code> , it can express permissions
* for the list of decisions in the <code>decisions</code> parameter in
* the same way as for the regular API. This approach maintains a uniform
* conceptual model and helps keep policies readable. For more
* information, see <a
* docs.aws.amazon.com/amazonswf/latest/developer/developer/swf-dev-iam.html">
* Using IAM to Manage Access to Amazon SWF Workflows </a> .
* </p>
*
* @param respondDecisionTaskCompletedRequest Container for the necessary
*         parameters to execute the RespondDecisionTaskCompleted operation on
*         AmazonSimpleWorkflow.
*
* @return A Java Future object containing the response from the
*         RespondDecisionTaskCompleted service method, as returned by
*         AmazonSimpleWorkflow.
*
* @throws AmazonClientException
*         If an internal error is encountered inside the client while
*         attempting to make the request or handle the response. For example
*         if a network connection is not available.
* @throws AmazonServiceException
*         If an error response is returned by AmazonSimpleWorkflow indicating
*         either a problem with the data in the request, or a server side issue.
*/

```

Found in path(s):

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/AmazonSimpleWorkflowAsync.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/AmazonSimpleWorkflowAsyncClient.java

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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/json/JSONWriter.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/json/JSONArray.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/json/JSONObject.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/json/JSONTokener.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/json/JSONException.java

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jar/com/amazonaws/services/s3/internal/crypto/CipherFactory.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/sns/util/Topics.java

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\*/

/\*\*  
\* <p>  
\* Registers a new <i>workflow type</i> and its configuration settings  
\* in the specified domain.  
\* </p>  
\* <p>  
\* The retention period for the workflow history is set by the  
\* RegisterDomain action.  
\* </p>  
\* <p>  
\* <b>IMPORTANT:</b> If the type already exists, then a TypeAlreadyExists  
\* fault is returned. You cannot change the configuration settings of a  
\* workflow type once it is registered and it must be registered as a new  
\* version.

\* </p>

\* <p>

\* <b>Access Control</b>

\* </p>

\* <p>

\* You can use IAM policies to control this action's access to Amazon SWF resources as follows:

\* </p>

\* <ul>

\* <li>Use a <code>Resource</code> element with the domain name to limit the action to only specified domains.</li>

\* <li>Use an <code>Action</code> element to allow or deny permission to call this action.</li>

\* <li>Constrain the following parameters by using a <code>Condition</code> element with the appropriate keys.

\* <ul>

\* <li><code>defaultTaskList</code> : String constraint. The key is <code>swf:defaultTaskList.name</code> .</li>

\* <li><code>name</code> : String constraint. The key is <code>swf:name</code> .</li>

\* <li><code>version</code> : String constraint. The key is <code>swf:version</code> .</li>

\* </ul>

\* </li>

\* </ul>

\* </ul>

\* <p>

\* If the caller does not have sufficient permissions to invoke the action, or the parameter values fall outside the specified constraints, the action fails by throwing <code>OperationNotPermitted</code> . For details and example IAM policies, see <a href="https://docs.aws.amazon.com/amazonswf/latest/developerguide/swf-dev-iam.html">docs.aws.amazon.com/amazonswf/latest/developerguide/swf-dev-iam.html</a> .

\* Using IAM to Manage Access to Amazon SWF Workflows </a> .

\* </p>

\* <ul>

\* @param registerWorkflowTypeRequest Container for the necessary parameters to execute the RegisterWorkflowType service method on AmazonSimpleWorkflow.

\* </ul>

\* @throws OperationNotPermittedException

\* @throws UnknownResourceException

\* @throws TypeAlreadyExistsException

\* @throws LimitExceededException

\* </ul>

```

* @throws AmazonClientException
*     If any internal errors are encountered inside the client while
*     attempting to make the request or handle the response. For example
*     if a network connection is not available.
* @throws AmazonServiceException
*     If an error response is returned by AmazonSimpleWorkflow indicating
*     either a problem with the data in the request, or a server side issue.
*/
/**
* <p>
* Used by deciders to tell the service that the DecisionTask identified
* by the <code>taskToken</code> has successfully completed. The
* <code>decisions</code> argument specifies the list of decisions made
* while processing the task.
* </p>
* <p>
* A
* <code>DecisionTaskCompleted</code> event is added
* to the workflow history. The <code>executionContext</code> specified
* is attached to the event in the workflow execution history.
* </p>
* <p>
* <b>Access Control</b>
* </p>
* <p>
* If an IAM policy grants permission to use
* <code>RespondDecisionTaskCompleted</code> , it can express permissions
* for the list of decisions in the <code>decisions</code> parameter in
* the same way as for the regular API. This approach maintains a uniform
* conceptual model and helps keep policies readable. For more
* information, see <a
* docs.aws.amazon.com/amazonswf/latest/developer/iam.html">
* Using IAM to Manage Access to Amazon SWF Workflows </a> .
* </p>
*
* @param respondDecisionTaskCompletedRequest Container for the necessary
*     parameters to execute the RespondDecisionTaskCompleted service method
*     on AmazonSimpleWorkflow.
*
* @throws OperationNotPermittedException
* @throws UnknownResourceException
*
* @throws AmazonClientException
*     If any internal errors are encountered inside the client while
*
*     attempting to make the request or handle the response. For example
*     if a network connection is not available.
* @throws AmazonServiceException

```

\* If an error response is returned by AmazonSimpleWorkflow indicating  
\* either a problem with the data in the request, or a server side issue.  
\*/

Found in path(s):

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/simpleworkflow/AmazonSimpleWorkflowClient.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/simpleworkflow/AmazonSimpleWorkflow.java  
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jar/com/amazonaws/services/s3/internal/AbstractRepeatableInputStream.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/s3/internal/RepeatableCipherInputStream.java  
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/Bucket.java  
\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/RestUtils.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/S3StringResponseHandler.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/BucketLoggingConfiguration.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/AccessControlList.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/BinaryUtils.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/DateUtils.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-

```
jar/com/amazonaws/services/s3/internal/ServiceUtils.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/Grantee.java
*
/opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/internal/RepeatableInputStream.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/BucketNotificationConfiguration.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/Owner.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/EmailAddressGrantee.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/BucketTaggingConfiguration.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/Grant.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/TagSet.java
*
/opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/http/HttpMethodReleaseInputStream.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/BucketPolicy.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/transform/XmlResponsesSaxParser.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/internal/RepeatableFileInputStream.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/CanonicalGrantee.java
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```

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```
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```

```
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
```

jar/com/amazonaws/regions/Region.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-

jar/com/amazonaws/regions/RegionMetadataParser.java

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/\*\*

\* Interface for providing encryption materials.

\* Implementations are free to use any strategy for providing encryption

\* materials, such as simply providing static material that doesn't change,

\* or more complicated implementations, such as integrating with existing

\* key management systems.

\*/

Found in path(s):

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/EncryptionMaterialsProvider.java  
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/XmlUtils.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/DeleteVersionRequest.java  
\*  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/VersionInfoUtils.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/auth/AWSCredentials.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/http/HttpMethodName.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/AmazonClientException.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/auth/SignatureVersion.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/BucketVersioningConfiguration.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/Permission.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/transform/VoidUnmarshaller.java  
\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/transform/LegacyErrorUnmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/package-info.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/VersionListing.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/DeleteObjectsRequest.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/MD5DigestCalculatingInputStream.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/transform/Unmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/XmlWriter.java  
\*  
/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/package-info.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/auth/SigningAlgorithm.java  
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/CopyObjectResult.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/SetBucketLoggingConfigurationRequest.java  
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/glacier/TreeHashGenerator.java

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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/model/transform/ActivityTaskStatusJsonUnmarshaller.java

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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/ec2/model/LicenseCapacity.java

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marshaller.java

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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/ec2/model/ExportToS3TaskSpecification.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/elasticloadbalancing/model/DeleteLoadBalancerPolicyResult.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/elastictranscoder/model/CreatePresetResult.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/elasticloadbalancing/model/InvalidConfigurationRequestException.java

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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/storagegateway/model/CreateSnapshotFromVolumeRecoveryPointResult.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/redshift/model/transform/CreateClusterSnapshotRequestMarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/redshift/model/ReservedNode.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/opsworks/model/DescribeRaidArraysRequest.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/route53/model/ChangeBatch.java

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/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/model/transform/UpdateItemRequestMarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/elasticbeanstalk/AWSElasticBeanstalkClient.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/importexport/model/transform/GetStatusRequestMarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/ec2/model/transform/DeleteKeyPairRequestMarshaller.java

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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/rds/model/transform/InvalidVPCNetworkStateExceptionUnmarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/cloudfront/model/transform/GetDistributionResultStaxUnmarshaller.java

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*/
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jar/com/amazonaws/util/StringUtils.java
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jar/com/amazonaws/services/simplifiedb/util/package-info.java  
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/handlers/AbstractRequestHandler.java
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```

// The Amazon S3 DevPay token header is a special exception and can be safely moved

Found in path(s):

```
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
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* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/internal/CRC32MismatchException.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/core/TryFinally.java  
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/SuspendableWorker.java  
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/worker/DecisionId.java  
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jar/com/amazonaws/internal/EC2MetadataClient.java

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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/annotations/WorkflowRegistrationOptions.java  
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/DynamicClient.java

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\* Interface for providing AWS credentials. Implementations are free to use any

\* strategy for providing AWS credentials, such as simply providing static

\* credentials that don't change, or more complicated implementations, such as

\* integrating with existing key management systems.

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 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/interceptors/AsyncCancelAndRetryExecutor.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/worker/ChildWorkflowDecisionStateMachine.java  
 \*  
 /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/worker/AsyncDecider.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/StartTimerFailedException.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/worker/GenericWorkflowWorker.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/annotations/Asynchronous.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/test/TestGenericWorkflowClient.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/generic/GenericWorkflowClient.java  
 \*  
 /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/ActivityExecutionContext.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/worker/AsyncDecisionTaskHandler.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/ScheduleActivityTaskFailedException.java  
 \* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
 jar/com/amazonaws/services/simpleworkflow/flow/interceptors/ExponentialRetryPolicy.java



\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/core/Promise.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/core/AsyncScopeContext.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/worker/ActivityExecutionContextImpl.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/core/Settable.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/worker/SignalDecisionStateMachine.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/core/TaskContext.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/junit/WorkflowTestBase.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/worker/GenericActivityWorker.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/WorkflowClientBase.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/test/TestGenericActivityClient.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/junit/AsyncAssert.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/WorkflowReplayer.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/worker/DecisionState.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/test/TestPOJOActivityImplementationGenericActivityClient.java

a

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/core/ExternalTaskContext.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/pojo/POJOActivityImplementationFactory.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/core/TryCatchFinally.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/Suspendable.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/core/AsyncContextBase.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/pojo/POJOWorkflowDefinitionFactoryFactory.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/junit/GenericWorkflowTest.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/simpleworkflow/flow/DynamicWorkflowClientExternalImpl.java

```
*
/opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/flow/core/Task.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/flow/WorkflowClientFactoryBase.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/flow/worker/ActivityDecisionStateMachine.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/flow/aspectj/ExponentialRetryAspect.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/flow/ActivitiesClientBase.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/flow/worker/HistoryHelper.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/flow/worker/DecisionsHelper.java
*
/opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/flow/worker/WorkflowClockImpl.java
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* on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
* express or implied. See the License for the specific language governing
* permissions and limitations under the License.
*/
/**
```

```
* Gets the optional versionIdMarker parameter indicating where in the
* sorted list of all versions in the specified bucket to begin returning
* results. Results are always ordered first lexicographically (i.e.
* alphabetically) and then from most recent version to least recent
* version.
```

```
* <p>
```

```
* A key marker must be specified when specifying a versionIdMarker.
* Results begin immediately after the version with the specified key and
* version ID.
```

```
* </p>
```

```
*
```

```
* @return The optional versionIdMarker parameter indicating where in the
```

\* sorted list of all versions in the specified bucket to begin  
\* returning results.  
\*  
\* @see ListVersionsRequest#setVersionIdMarker(String)  
\* @see ListVersionsRequest#withVersionIdMarker(String)  
\*/

Found in path(s):

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/ListVersionsRequest.java

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Found in path(s):

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/regions/ServiceAbbreviations.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/ScanResultPage.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/ScanResultPage.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/QueryResultPage.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/regions/RegionUtils.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/QueryResultPage.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/regions/Regions.java

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\*/

/\*\*

\* <p>

\* Specifies a decision made by the decider. A decision can be one of these types:

\* </p>

\*

\* <ul>

\* <li> <b>CancelTimer</b> cancels a previously started timer and records a <code>TimerCanceled</code> event in the history.</li>

\* <li> <b>CancelWorkflowExecution</b> closes the workflow execution and records a <code>WorkflowExecutionCanceled</code> event in the history.</li>

\* <li> <b>CompleteWorkflowExecution</b> closes the workflow execution and records a <code>WorkflowExecutionCompleted</code> event in the history .</li>

\* <li> <b>ContinueAsNewWorkflowExecution</b> closes the workflow execution and starts a new workflow execution of the same type using the same workflow id and a unique run Id. A <code>WorkflowExecutionContinuedAsNew</code> event is recorded in the history.</li>

\* <li> <b>FailWorkflowExecution</b> closes the workflow execution and records a <code>WorkflowExecutionFailed</code> event in the history.</li>

\* <li> <b>RecordMarker</b> records a <code>MarkerRecorded</code> event in the history. Markers can be used for adding custom information in the history

\* for instance to let deciders know that they do not need to look at the history beyond the marker event.</li>

\* <li> <b>RequestCancelActivityTask</b> attempts to cancel a previously scheduled activity task. If the activity task was

  scheduled but has not been

  assigned to a worker, then it will be canceled. If the activity task was already assigned to a worker, then the worker will be informed that

  cancellation has been requested in the response to RecordActivityTaskHeartbeat.</li>

\* <li> <b>RequestCancelExternalWorkflowExecution</b> requests that a request be made to cancel the specified external workflow execution and records a

  <code>RequestCancelExternalWorkflowExecutionInitiated</code> event in the history.</li>

\* <li> <b>ScheduleActivityTask</b> schedules an activity task.</li>

\* <li> <b>SignalExternalWorkflowExecution</b> requests a signal to be delivered to the specified external workflow execution and records a

  <code>SignalExternalWorkflowExecutionInitiated</code> event in the history.</li>

\* <li> <b>StartChildWorkflowExecution</b> requests that a child workflow execution be started and records a

  <code>StartChildWorkflowExecutionInitiated</code> event in the history. The child workflow

execution is a separate workflow execution with its own

- \* history.

- \* **StartTimer** starts a timer for this workflow execution and records a `TimerStarted` event in the history. This timer will fire

- \* after the specified delay and record a `TimerFired` event.

- \*

- \*

- \*

- \* **Access Control**

- \*

- \*

- \* If you grant permission to use `RespondDecisionTaskCompleted` , you can use IAM policies to express permissions for the list of decisions

- \* returned by this action as if they were members of the API. Treating decisions as a pseudo API maintains a uniform conceptual model and helps keep

- \* policies readable. For details and example IAM policies, see <http://docs.aws.amazon.com/amazonswf/latest/developerguide/swf-dev-iam.html>

- \* Using IAM to Manage Access to Amazon SWF Workflows .

- \*

- \*

- \*

- \* **Decision Failure**

- \*

- \*

- \* Decisions can fail for several reasons

- \*

- \*

- \*

- \*

- \* - The ordering of decisions should follow a logical flow. Some decisions might not make sense in the current context of the workflow execution and

- \* will therefore fail.

- \* - A limit on your account was reached.

- \* - The decision lacks sufficient permissions.

- \*

- \*

- \*

- \* One of the following events might be added to the history to indicate an error. The event attribute's **cause** parameter indicates the cause. If

- \* **cause** is set to `OPERATION_NOT_PERMITTED`, the decision failed because it lacked sufficient permissions.

- \*

- \*

- \*

- \* - ScheduleActivityTaskFailed** a `ScheduleActivityTask` decision failed. This could happen if the activity type specified in the decision is

- \* not registered, is in a deprecated state, or the decision is not properly configured.

- \* - RequestCancelActivityTaskFailed** a `RequestCancelActivityTask` decision failed. This could happen if there is no open activity task with the

- \* specified activityId.</li>
- \* <li> <b>StartTimerFailed</b> a StartTimer decision failed. This could happen if there is another open timer with the same timerId.</li>
- \* <li> <b>CancelTimerFailed</b> a CancelTimer decision failed. This could happen if there is no open timer with the specified timerId.</li>
- \* <li> <b>StartChildWorkflowExecutionFailed</b> a StartChildWorkflowExecution decision failed. This could happen if the workflow type specified is not registered, is deprecated, or the decision is not properly configured.</li>
- \* <li> <b>SignalExternalWorkflowExecutionFailed</b> a SignalExternalWorkflowExecution decision failed. This could happen if the <code>workflowID</code> specified in the decision was incorrect. </li>
- \* <li> <b>RequestCancelExternalWorkflowExecutionFailed</b> a RequestCancelExternalWorkflowExecution decision failed. This could happen if the <code>workflowID</code> specified in the decision was incorrect. </li>
- \* <li> <b>CancelWorkflowExecutionFailed</b> a CancelWorkflowExecution decision failed. This could happen if there is an unhandled decision task pending in the workflow execution. </li>
- \* <li> <b>CompleteWorkflowExecutionFailed</b> a CompleteWorkflowExecution decision failed. This could happen if there is an unhandled decision task pending in the workflow execution. </li>
- \* <li> <b>ContinueAsNewWorkflowExecutionFailed</b> a ContinueAsNewWorkflowExecution decision failed. This could happen if there is an unhandled decision task pending in the workflow execution or the ContinueAsNewWorkflowExecution decision was not configured correctly. </li>
- \* <li> <b>FailWorkflowExecutionFailed</b> a FailWorkflowExecution decision failed. This could happen if there is an unhandled decision task pending in the workflow execution. </li>
- \* </ul>
- \* <p>
- \* The preceding error events might occur due to an error in the decider logic, which might put the workflow execution in an unstable state The cause field in the event structure for the error event indicates the cause of the error.
- \* </p>
- \* <p>
- \* <b>NOTE:</b> A workflow execution may be closed by the decider by returning one of the following decisions when completing a decision task:
  - \* CompleteWorkflowExecution, FailWorkflowExecution, CancelWorkflowExecution and ContinueAsNewWorkflowExecution. An UnhandledDecision fault will be returned if a workflow closing decision is specified and a signal or activity event had been added to the history while the decision task was being performed by the decider. Unlike the above situations which are logic issues, this fault is always possible because of race conditions in a distributed system. The right action here is to call RespondDecisionTaskCompleted without any decisions. This would result in another decision task with these new events included in the history. The decider should handle the new events and may decide to close the workflow execution.

```

* </p>
* <p>
* <b>How to Code a Decision</b>
* </p>
* <p>
* You code a decision by first setting the decision type field to one of the above decision values, and then set the
corresponding attributes field
* shown below:
* </p>
*
* <ul>
* <li> ScheduleActivityTaskDecisionAttributes </li>
* <li> RequestCancelActivityTaskDecisionAttributes </li>
* <li> CompleteWorkflowExecutionDecisionAttributes </li>
* <li> FailWorkflowExecutionDecisionAttributes </li>
* <li> CancelWorkflowExecutionDecisionAttributes </li>
* <li> ContinueAsNewWorkflowExecutionDecisionAttributes </li>
* <li> RecordMarkerDecisionAttributes </li>
* <li> StartTimerDecisionAttributes </li>
* <li> CancelTimerDecisionAttributes </li>
* <li> SignalExternalWorkflowExecutionDecisionAttributes </li>
* <li> RequestCancelExternalWorkflowExecutionDecisionAttributes </li>
* <li> StartChildWorkflowExecutionDecisionAttributes </li>
*
* </ul>
*/

```

Found in path(s):

```

* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/simpleworkflow/model/Decision.java
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\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/transform/JsonErrorUnmarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/TimingInfo.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/GetBucketAclRequest.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/GetBucketWebsiteConfigurationRequest.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/http/JsonErrorResponseHandler.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/StringInputStream.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/crypto/ByteRangeCapturingInputStream.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/RedirectRule.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/http/ConnectionFactory.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/transform/ListUnmarshaller.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/BucketWebsiteConfiguration.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/RoutingRule.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/internal/StaticCredentialsProvider.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/util/XMLWriter.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/http/HttpRequestFactory.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/crypto/EncryptedUploadContext.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBQueryExpression.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/http/ExecutionContext.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/ChecksumValidatingInputStream.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/transform/AbstractErrorUnmarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/DeleteBucketPolicyRequest.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/auth/AWSRefreshableSessionCredentials.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-



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jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBQueryExpression.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/DeleteBucketWebsiteConfigurationRequest.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/elasticmapreduce/util/BootstrapActions.java
*
/opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/RoutingRuleCondition.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/transform/MapUnmarshaller.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/SetBucketPolicyRequest.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/SetBucketAclRequest.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/GetBucketPolicyRequest.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/GetBucketLocationRequest.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/SetBucketWebsiteConfigurationRequest.java
*
/opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/http/HttpClientFactory.java
No license file was found, but licenses were detected in source scan.
```

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*/
```

Found in path(s):

```
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/auth/STSSessionCredentials.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/dynamodbv2/datamodeling/ArgumentUnmarshaller.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/dynamodb/datamodeling/PaginatedQueryList.java
*
```

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBScanExpression.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBIgnore.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/MultiObjectDeleteException.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/HeaderHandler.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/SUNmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBRangeKey.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/ObjectRestoreResult.java  
\*  
/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/PaginatedList.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/JsonMarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBMarshalling.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/SetBucketNotificationConfigurationRequest.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedScanList.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/KeyPair.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/ObjectExpirationResult.java  
\*  
/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/NUNmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/NSUnmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMarshalling.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBIndexRangeKey.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapper.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/SSUnmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBMappingException.java  
\*  
/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/ArgumentMarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-

jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMapperConfig.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBRangeKey.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBMapper.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodb/datamodeling/KeyPair.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/s3/internal/DeleteObjectsResponse.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/s3/model/BucketLifecycleConfiguration.java  
\*  
/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBReflector.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodb/datamodeling/JsonMarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBIgnore.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/NUnmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/s3/model/CopyPartResult.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodb/datamodeling/BUnmarshaller.java  
\*  
/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAutoGeneratedKey.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/ArgumentMarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodb/datamodeling/BUnmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/SSUnmarshaller.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBReflector.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBScanExpression.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/s3/transfer/internal/TransferMonitor.java  
\*  
/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/s3/model/CORSRule.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodb/datamodeling/PaginatedScanList.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBHashKey.java  
\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-  
jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBTable.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/ServerSideEncryptionHeaderHandler.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/auth/STSSessionCredentialsProvider.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/BUNmarshaller.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBMarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBHashKey.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/transfer/internal/UploadMonitor.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedList.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBAutoGeneratedKey.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/auth/NoSessionSupportCredentials.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMappingException.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/GenericBucketRequest.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/BSUnmarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBVersionAttribute.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/internal/ServerSideEncryptionResult.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBMarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/ArgumentUnmarshaller.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/auth/BasicSessionCredentials.java

\*

/opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/s3/model/BucketCrossOriginConfiguration.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/PaginatedQueryList.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBAttribute.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodbv2/datamodeling/DynamoDBTable.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBMapperConfig.java

\* /opt/cola/permits/1145067269\_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-

```

jar/com/amazonaws/services/dynamodbv2/datamodeling/SUNmarshaller.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBAttribute.java
*
/opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/dynamodb/datamodeling/DynamoDBVersionAttribute.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/internal/ResponseHeaderHandlerChain.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/dynamodb/datamodeling/NSUNmarshaller.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/RequestClientOptions.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/ResponseHeaderOverrides.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/DeleteObjectsResult.java
* /opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/services/s3/model/CopyPartRequest.java
*
/opt/cola/permits/1145067269_1626714004.68/0/aws-java-sdk-1-4-3-sources-4-
jar/com/amazonaws/auth/AWSSessionCredentials.java

```

## 1.145 httprpc 5.6

### 1.145.1 Available under license :

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```

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```

Found in path(s):

```

* /opt/cola/permits/1145074641_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/sql/ResultSetAdapter.java
* /opt/cola/permits/1145074641_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/WebService.java
* /opt/cola/permits/1145074641_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/RequestMethod.java
* /opt/cola/permits/1145074641_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/WebServiceProxy.java
*

```

/opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/ResourcePath.java  
\* /opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/CSVDecoder.java  
\* /opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/CSVEncoder.java  
\* /opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/JSONEncoder.java  
\* /opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/beans/BeanAdapter.java  
\* /opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/beans/Key.java  
\* /opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/RequestParameter.java  
\* /opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/sql/Parameters.java  
\* /opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/JSONDecoder.java  
\*  
/opt/cola/permits/1145074641\_1626714182.51/0/httprpc-5-6-sources-1-jar/org/httprpc/WebServiceException.java

## 1.146 jsr305 1.3.9

### 1.146.1 Available under license :

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# 1.147 javax-inject 2.3.0-b10

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Found in path(s):

- \* /opt/cola/permits/1147144513\_1616839583.39/0/javax-inject-2-3-0-b10-sources-7-jar/javax/inject/Inject.java
- \* /opt/cola/permits/1147144513\_1616839583.39/0/javax-inject-2-3-0-b10-sources-7-jar/javax/inject/Singleton.java
- \* /opt/cola/permits/1147144513\_1616839583.39/0/javax-inject-2-3-0-b10-sources-7-jar/javax/inject/Named.java
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- /opt/cola/permits/1147144513\_1616839583.39/0/javax-inject-2-3-0-b10-sources-7-jar/javax/inject/Qualifier.java
- \* /opt/cola/permits/1147144513\_1616839583.39/0/javax-inject-2-3-0-b10-sources-7-jar/javax/inject/package-info.java
- \* /opt/cola/permits/1147144513\_1616839583.39/0/javax-inject-2-3-0-b10-sources-7-jar/javax/inject/Provider.java
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Found in path(s):

\*

/opt/cola/permits/1147144513\_1616839583.39/0/javax-inject-2-3-0-b10-sources-7-jar/pom.xml

## 1.148 commons-codec 1.6

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains  
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# 1.149 libnettle6 2.7.1-9.el7\_9

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## 1.153 Idb 1.5.4-2.el7

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## 1.154 httpLib 0.7.7

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## 1.155 jar-dependencies 0.4.1

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# 1.156 commons-lang3 3.12.0

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The development of Dynamically Loadable Zones (DLZ) for Bind 9 was conceived and contributed by Rob Butler.

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\* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino

<jmmv@users.sourceforge.net>

\* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

\* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* `admin/check-style.sh`, `admin/check-style-common.awk`, `admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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-->

```
<!-- $Id: copyright.xml,v 1.8 2009/07/10 23:47:58 tbox Exp $ -->
```

```
<!-- Generate ISC copyright comments from Docbook copyright metadata. -->
```

```
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"  
version="1.0">
```

```
<xsl:template name="isc.copyright.format">  
  <xsl:param name="text"/>  
  <xsl:value-of select="$isc.copyright.leader"/>  
  <xsl:value-of select="normalize-space(substring-before($text, '#10;'))"/>  
  <xsl:text>#10;</xsl:text>  
  <xsl:variable name="rest" select="substring-after($text, '#10;')"/>  
  <xsl:if test="translate($rest, '#9;#32;', '')">  
    <xsl:call-template name="isc.copyright.format">  
      <xsl:with-param name="text" select="$rest"/>  
    </xsl:call-template>  
  </xsl:if>  
</xsl:template>
```

```
<xsl:variable name="isc.copyright.text">  
  <xsl:text>  
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```

```
</xsl:text>  
</xsl:variable>
```

```
<xsl:variable name="isc.copyright">  
  <xsl:call-template name="isc.copyright.format">  
    <xsl:with-param name="text">  
<xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">  
  <xsl:text>Copyright (C) </xsl:text>  
  <xsl:call-template name="copyright.years">  
    <xsl:with-param name="years" select="year"/>  
  </xsl:call-template>  
  <xsl:text> </xsl:text>  
  <xsl:value-of select="holder"/>  
  <xsl:text>#10;</xsl:text>
```

```
</xsl:for-each>
<xsl:value-of select="$isc.copyright.text"/>
  </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
```

```
</xsl:stylesheet>
```

```
<!--
```

- Local variables:

- mode: sgml

- End:

```
-->
```

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## 1.158 ruby2\_keywords 0.0.5

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## 1.159 jruby-readline 1.3.7

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Found in path(s):

\* /opt/cola/permits/1200885593\_1680520713.4681115/0/global-singleton-0-1-1-tgz/package/README.md

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## 1.178 ikvm-windward 8.1.5717.0

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## 1.179 thread-safe 0.3.5

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* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/ModuleWriter.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/SymbolTable.java
*
/opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-
jar/org/objectweb/asm/RecordComponentVisitor.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Symbol.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/TypeReference.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Type.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-
jar/org/objectweb/asm/MethodTooLargeException.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Constants.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-
jar/org/objectweb/asm/signature/SignatureReader.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/ByteVector.java
*
/opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/TypePath.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-
jar/org/objectweb/asm/ClassTooLargeException.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-
jar/org/objectweb/asm/RecordComponentWriter.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Label.java
* /opt/cola/permits/1209093010_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Context.java
```

\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Handler.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/MethodVisitor.java  
\*  
/opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/ConstantDynamic.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Edge.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-  
jar/org/objectweb/asm/AnnotationVisitor.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Attribute.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/ClassVisitor.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Handle.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/CurrentFrame.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/Frame.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-  
jar/org/objectweb/asm/signature/SignatureVisitor.java  
\*  
/opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/ModuleVisitor.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/ClassWriter.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/ClassReader.java  
\* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/FieldWriter.java  
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- \* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/package.html
- \* /opt/cola/permits/1209093010\_1633003785.94/0/asm-9-2-sources-1-jar/org/objectweb/asm/signature/package.html

# 1.181 json-smart 2.2.1

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- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/writer/ArraysMapper.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/parser/JSONParserBase.java
- \*
- /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/writer/DefaultMapperCollection.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONStreamAware.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/parser/JSONParserMemory.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONNavi.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONUtil.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONAware.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JStylerObj.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONAwareEx.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/writer/BeansMapper.java
- \*
- /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONStyle.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONObject.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONValue.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/writer/FakeMapper.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/writer/JsonReader.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONArray.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/parser/JSONParserReader.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/writer/DefaultMapperOrdered.java
- \*
- /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/parser/JSONParserInputStream.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/writer/CollectionMapper.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/JSONStreamAwareEx.java
- \* /opt/cola/permits/1209662319\_1633114058.16/0/json-smart-2-2-1-sources-6-jar/net/minidev/json/parser/JSONParser.java

```
* /opt/cola/permits/1209662319_1633114058.16/0/json-smart-2-2-1-sources-6-  
jar/net/minidev/json/parser/ParseException.java  
* /opt/cola/permits/1209662319_1633114058.16/0/json-smart-2-2-1-sources-6-  
jar/net/minidev/json/parser/JSONParserStream.java  
* /opt/cola/permits/1209662319_1633114058.16/0/json-smart-2-2-1-sources-6-  
jar/net/minidev/json/writer/JsonReaderI.java  
* /opt/cola/permits/1209662319_1633114058.16/0/json-smart-2-2-1-sources-6-  
jar/net/minidev/json/writer/CompressorMapper.java  
*  
/opt/cola/permits/1209662319_1633114058.16/0/json-smart-2-2-1-sources-6-  
jar/net/minidev/json/parser/JSONParserString.java
```

## 1.182 ryanuber-go-glob 1.0.0

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```
# This is the official list of people who can contribute
# (and typically have contributed) code to the Go repository.
# The AUTHORS file lists the copyright holders; this file
# lists people. For example, Google employees are listed here
# but not in AUTHORS, because Google holds the copyright.
#
# Names should be added to this file only after verifying that
# the individual or the individual's organization has agreed to
# the appropriate Contributor License Agreement, found here:
#
# http://code.google.com/legal/individual-cla-v1.0.html
# http://code.google.com/legal/corporate-cla-v1.0.html
#
# The agreement for individuals can be filled out on the web.
```

```
# Names should be added to this file like so:
# Individual's name <submission email address>
# Individual's name <submission email address> <email2> <emailN>
#
# An entry with multiple email addresses specifies that the
# first address should be used in the submit logs and
# that the other addresses should be recognized
```

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it if you want it; that you can change the software and use pieces of it  
in new free programs; and that you are informed that you can do these  
things.

To protect your rights, we need to make restrictions that forbid  
distributors to deny you these rights or to ask you to surrender these  
rights. These restrictions translate to certain responsibilities for  
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis  
or for a fee, you must give the recipients all the rights that we gave

you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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

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

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library.

The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

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

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

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

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

@iftex

@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end iftex

@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end ifinfo

@enumerate 0

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@item

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@item

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stating that you changed the files and the date of any change.

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If a facility in the modified Library refers to a function or a  
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is invoked, then you must make a good faith effort to ensure that,  
in the event an application does not supply such function or  
table, the facility still operates, and performs whatever part of  
its purpose remains meaningful.

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

@end enumerate

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@item

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

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

When a "work that uses the Library" uses material from a header file

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

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work.

(Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

@item

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



to use the modified definitions.)

@item

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

@item

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

@item

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@item

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

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

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

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

@item

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

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@end enumerate

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@heading END OF TERMS AND CONDITIONS

@end iftex

@ifinfo

@center END OF TERMS AND CONDITIONS

@end ifinfo

@page

@appendixsubsec How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the library's name and an idea of what it does.}

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This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should

have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

@end smallexample

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

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

@smallexample

Yoyodyne, Inc., hereby disclaims all copyright interest in the library  
'Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

(This file is under construction.) -\*- text -\*-

If you've contributed to gas and your name isn't listed here, it is  
not meant as a slight. I just don't know about it. Email me,  
nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into  
the documentation, and info on specific files will go into an AUTHORS  
file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for  
gdb-specific debug information and the 68k series machines, most of  
the preprocessing pass, and extensive changes in messages.c,  
input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various  
enhancements and many bug fixes, including merging support for several  
processors, breaking gas up to handle multiple object file format  
backends (including heavy rewrite, testing, an integration of the coff  
and b.out backends), adding configuration  
including heavy testing and  
verification of cross assemblers and file splits and renaming,  
converted gas to strictly ansi C including full prototypes, added  
support for m680[34]0 & cpu32, considerable work on i960 including a  
coff port (including considerable amounts of reverse engineering), a  
sparc opcode file rewrite, decstation, rs6000, and hp300hpux host  
ports, updated "know" assertions and made them work, much other  
reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of  
the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan.  
Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith

Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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## 1.190 go-rootcerts 1.0.2

### 1.190.1 Available under license :

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```

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```

```
/* tests/shlib/t_loader.c */
```

```
/*
```

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*/
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```
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```

```
/* tests/s4u2proxy.c - S4U2Proxy test harness */
```

```
/*
```

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*/

/*
* Usage: s4u2proxy evccname targetname
*
* evccname contains an evidence ticket. The default ccache contains a TGT for
* the intermediate service. The default keytab contains a key for the
* intermediate service. An S4U2Proxy request is made to get a ticket from
* evccname's default principal to the target service. The resulting cred is
* stored in the default ccache.
*/

/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */
/* kdc_audit.c - Interface for KDC audit plugins. */
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\*/  
/\* -\*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -\*- \*/  
/\* tests/pluginorder.c - Test harness to display the order of loaded plugins \*/  
/\*  
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\*/

```
/*
* This file registers a few dummy built-in pwqual modules, then prints out the
* order of pwqual modules returned by k5_plugin_load_all. The choice of the
* pwqual interface is mostly arbitrary; it is an interface which libkrb5
* itself doesn't use, for which we have a test module.
*/
/* wconfig.c */
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*/

/*
* Program to take the place of the configure shell script under DOS.
* The makefile.in files are constructed in such a way that all this
* program needs to do is uncomment lines beginning ##DOS by removing the
* first 5 characters of the line. This will allow lines like:
* ##DOS!include win-pre.in to become: !include win-pre.in
*
* We also turn any line beginning with '@' into a blank line.
*
* If a config directory is specified, then the output will be start with
* config\pre.in, then the filtered stdin text, and will end with
* config\post.in.
*
* Syntax: wconfig [options] [config_directory] <input_file >output_file
*/
```

\*/

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lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c

lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including  
the

following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
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# 1.194 minitest 5.15.0

## 1.194.1 Available under license :

No license file was found, but licenses were detected in source scan.

= minitest/{test,spec,mock,benchmark}

home :: <https://github.com/seattlerb/minitest>  
bugs :: <https://github.com/seattlerb/minitest/issues>  
rdoc :: <http://docs.seattlerb.org/minitest>  
vim :: <https://github.com/sunaku/vim-ruby-minitest>  
emacs:: <https://github.com/arthurnn/minitest-emacs>

== DESCRIPTION:

minitest provides a complete suite of testing facilities supporting TDD, BDD, mocking, and benchmarking.

"I had a class with Jim Weirich on testing last week and we were allowed to choose our testing frameworks. Kirk Haines and I were paired up and we cracked open the code for a few test frameworks...

I MUST say that minitest is *very* readable / understandable compared to the 'other two' options we looked at. Nicely done and thank you for helping us keep our mental sanity."

-- Wayne E. Seguin

minitest/test is a small and incredibly fast unit testing framework. It provides a rich set of assertions to make your tests clean and readable.

minitest/spec is a functionally complete spec engine. It hooks onto minitest/test and seamlessly bridges test assertions over to spec expectations.

minitest/benchmark is an awesome way to assert the performance of your

algorithms in a repeatable manner. Now you can assert that your newb co-worker doesn't replace your linear algorithm with an exponential one!

minitest/mock by Steven Baker, is a beautifully tiny mock (and stub) object framework.

minitest/pride shows pride in testing and adds coloring to your test output. I guess it is an example of how to write IO pipes too. :P

minitest/test is meant to have a clean implementation for language implementors that need a minimal set of methods to bootstrap a working test suite. For example, there is no magic involved for test-case discovery.

"Again, I can't praise enough the idea of a testing/specing framework that I can actually read in full in one sitting!"

-- Piotr  
Szotkowski

Comparing to rspec:

rspec is a testing DSL. minitest is ruby.

-- Adam Hawkins, "Bow Before MiniTest"

minitest doesn't reinvent anything that ruby already provides, like: classes, modules, inheritance, methods. This means you only have to learn ruby to use minitest and all of your regular OO practices like extract-method refactorings still apply.

== FEATURES/PROBLEMS:

- \* minitest/autorun - the easy and explicit way to run all your tests.
- \* minitest/test - a very fast, simple, and clean test system.
- \* minitest/spec - a very fast, simple, and clean spec system.
- \* minitest/mock - a simple and clean mock/stub system.
- \* minitest/benchmark - an awesome way to assert your algorithm's performance.
- \* minitest/pride - show your pride in testing!
- \* Incredibly small and fast runner, but no bells and whistles.
- \* Written by squishy human beings. Software can never be perfect. We will all eventually die.

== RATIONALE:

See `design_rationale.rb` to see how specs and tests work in minitest.

== SYNOPSIS:

Given that you'd like to test the following class:

```
class Meme
  def i_can_has_cheezburger?
    "OHAI!"
  end

  def will_it_blend?
    "YES!"
  end
end
```

=== Unit tests

Define your tests as methods beginning with +test\_+.

```
require "minitest/autorun"

class TestMeme < Minitest::Test
  def setup
    @meme = Meme.new
  end

  def test_that_kitty_can_eat
    assert_equal "OHAI!", @meme.i_can_has_cheezburger?
  end

  def test_that_it_will_not_blend
    refute_match /^no/i, @meme.will_it_blend?
  end

  def test_that_will_be_skipped
    skip "test this later"
  end
end
```

=== Specs

```
require "minitest/autorun"

describe Meme do
  before do
    @meme = Meme.new
  end

  describe "when asked about cheeseburgers" do
```



```

it "must respond positively" do
  _(@meme.i_can_has_cheezburger?).must_equal "OHAI!"
end
end

```

```

describe "when asked about blending possibilities" do
  it "won't say no"
do
  _(@meme.will_it_blend?).wont_match /^no/i
end
end
end

```

For matchers support check out:

- \* <https://github.com/wojtekmach/minitest-matchers>
- \* [https://github.com/rmm5t/minitest-matchers\\_vaccine](https://github.com/rmm5t/minitest-matchers_vaccine)

=== Benchmarks

Add benchmarks to your tests.

```

# optionally run benchmarks, good for CI-only work!
require "minitest/benchmark" if ENV["BENCH"]

```

```

class TestMeme < Minitest::Benchmark
  # Override self.bench_range or default range is [1, 10, 100, 1_000, 10_000]
  def bench_my_algorithm
    assert_performance_linear 0.9999 do |n| # n is a range value
      @obj.my_algorithm(n)
    end
  end
end

```

Or add them to your specs. If you make benchmarks optional, you'll need to wrap your benchmarks in a conditional since the methods won't be defined. In minitest 5, the describe name needs to match `Bench(mark)?`.

```

describe "Meme Benchmark" do
  if ENV["BENCH"] then
    bench_performance_linear "my_algorithm", 0.9999 do |n|
      100.times do

        @obj.my_algorithm(n)
      end
    end
  end
end

```

end

outputs something like:

```
# Running benchmarks:
```

```
TestBlah 100 1000 10000
bench_my_algorithm 0.006167 0.079279 0.786993
bench_other_algorithm 0.061679 0.792797 7.869932
```

Output is tab-delimited to make it easy to paste into a spreadsheet.

=== Mocks

Mocks and stubs defined using terminology by Fowler & Meszaros at <http://www.martinfowler.com/bliki/TestDouble.html>:

"Mocks are pre-programmed with expectations which form a specification of the calls they are expected to receive. They can throw an exception if they receive a call they don't expect and are checked during verification to ensure they got all the calls they were expecting."

```
class MemeAsker
  def initialize(meme)
    @meme = meme
  end

  def ask(question)
    method = question.tr(" ", "_") + "?"
    @meme.__send__(method)
  end
end

require "minitest/autorun"

describe MemeAsker, :ask do
  describe "when passed an unpunctuated
question" do
    it "should invoke the appropriate predicate method on the meme" do
      @meme = Minitest::Mock.new
      @meme_asker = MemeAsker.new @meme
      @meme.expect :will_it_blend?, :return_value

      @meme_asker.ask "will it blend"

      @meme.verify
    end
  end
end
```

end

#### ==== Multi-threading and Mocks

Minitest mocks do not support multi-threading. If it works, fine, if it doesn't you can use regular ruby patterns and facilities like local variables. Here's an example of asserting that code inside a thread is run:

```
def test_called_inside_thread
  called = false
  pr = Proc.new { called = true }
  thread = Thread.new(&pr)
  thread.join
  assert called, "proc not called"
end
```

#### === Stubs

Mocks and stubs are defined using terminology by Fowler & Meszaros at <http://www.martinfowler.com/bliki/TestDouble.html>:

"Stubs provide canned answers to calls made during the test".

Minitest's stub method overrides a single method for the duration of the block.

```
def test_stale_eh
  obj_under_test = Something.new

  refute obj_under_test.stale?

  Time.stub :now, Time.at(0) do # stub goes away once the block is done
    assert obj_under_test.stale?
  end
end
```

A note on stubbing: In order to stub a method, the method must actually exist prior to stubbing. Use a singleton method to create a new non-existing method:

```
def obj_under_test.fake_method
  ...
end
```

#### === Running Your Tests

Ideally, you'll use a rake task to run your tests, either piecemeal or all at once. Both rake and rails ship with rake tasks for running your

tests. BUT! You don't have to:

```
% ruby -Ilib:test test/minitest/test_minitest_test.rb
Run options: --seed 37685
```

```
# Running:
```

```
..... (etc)
```

```
Finished in 0.107130s, 1446.8403 runs/s, 2959.0217 assertions/s.
```

```
155 runs, 317 assertions, 0 failures, 0 errors, 0 skips
```

There are runtime options available, both from minitest itself, and also provided via plugins. To see them, simply run with `+-help+`:

```
% ruby -Ilib:test test/minitest/test_minitest_test.rb --help
minitest options:
-h, --help           Display this help.
-s, --seed SEED      Sets random seed. Also via env. Eg: SEED=n rake
-v, --verbose        Verbose. Show progress processing files.
-n, --name PATTERN   Filter run on /regexp/ or string.
-e, --exclude PATTERN Exclude /regexp/ or string from run.
```

Known extensions: `pride`, `autotest`

```
-p, --pride          Pride. Show your testing pride!
-a, --autotest       Connect to autotest server.
```

You can set up a rake task to run all your tests by adding this to your Rakefile:

```
require "rake/testtask"

Rake::TestTask.new(:test) do |t|
  t.libs << "test"
  t.libs << "lib"
  t.test_files = FileList["test/**/test_*.rb"]
end

task :default
=> :test
```

== Writing Extensions

To define a plugin, add a file named `minitest/XXX_plugin.rb` to your project/gem. That file must be discoverable via ruby's `LOAD_PATH` (via `rubygems` or otherwise). Minitest will find and require that file using `Gem.find_files`. It will then try to call `+plugin_XXX_init+` during

startup. The option processor will also try to call `+plugin_XXX_options+` passing the `OptionParser` instance and the current options hash. This lets you register your own command-line options. Here's a totally bogus example:

```
# minitest/bogus_plugin.rb:

module Minitest
  def self.plugin_bogus_options(opts, options)
    opts.on "--myci", "Report results to my CI" do
      options[:myci] = true
      options[:myci_addr] = get_myci_addr
      options[:myci_port] = get_myci_port
    end
  end

  def self.plugin_bogus_init(options)
    self.reporter << MyCI.new(options) if options[:myci]
  end
end
```

=== Adding custom reporters

Minitest

uses composite reporter to output test results using multiple reporter instances. You can add new reporters to the composite during the `init_plugins` phase. As we saw in `+plugin_bogus_init+` above, you simply add your reporter instance to the composite via `<tt><<</tt>`.

`+AbstractReporter+` defines the API for reporters. You may subclass it and override any method you want to achieve your desired behavior.

`start` :: Called when the run has started.  
`record` :: Called for each result, passed or otherwise.  
`report` :: Called at the end of the run.  
`passed?` :: Called to see if you detected any problems.

Using our example above, here is how we might implement `MyCI`:

```
# minitest/bogus_plugin.rb

module Minitest
  class MyCI < AbstractReporter
    attr_accessor :results, :addr, :port

    def initialize options
      self.results = []
      self.addr = options[:myci_addr]
    end
  end
end
```

```

    self.port = options[:myci_port]
  end

  def record result
    self.results
  end

  << result
  end

  def report
    CI.connect(addr, port).send_results self.results
  end
end

# code from above...
end

```

== FAQ

=== What versions are compatible with what? Or what versions are supported?

Minitest is a dependency of rails, which until fairly recently had an overzealous backwards compatibility policy. As such, I'm stuck supporting versions of ruby that are long past EOL. Once rails 5.2 is dropped (hopefully April 2021), I get to drop a bunch of versions of ruby that I have to currently test against.

(As of 2021-01-31)

Current versions of rails: (<https://endoflife.date/rails>)

| rails | min ruby | rec ruby | minitest | status                          |
|-------|----------|----------|----------|---------------------------------|
| 7.0   | >= 2.7   | 3.0      | >= 5.1   | Future                          |
| 6.1   | >= 2.5   | 3.0      | >= 5.1   | Current                         |
| 6.0   | >= 2.5   | 2.6      | >= 5.1   | Security                        |
| 5.2   | >= 2.2.2 | 2.5      | ~> 5.1   | Security   EOL @railsconf 2021? |

Current versions of ruby: (<https://endoflife.date/ruby>)

| ruby | Status  | EOL Date   |
|------|---------|------------|
| 3.0  | Current | 2024-03-31 |
| 2.7  | Maint   | 2023-03-31 |
| 2.6  | Maint*  | 2022-03-31 |
| 2.5  | EOL     | 2021-03-31 |
| 2.4  | EOL     | 2020-03-31 |
| 2.3  | EOL     | 2019-03-31 |

See also:

\* <https://www.fastruby.io/blog/ruby/rails/versions/compatibility-table.html>

\* <https://jamesjeffersconsulting.com/ruby-rails-version-matrix/>

=== How to test SimpleDelegates?

The following implementation and test:

```
class Worker < SimpleDelegator
  def work
  end
end

describe Worker do
  before do
    @worker = Worker.new(Object.new)
  end

  it "must respond to work" do
    _(@worker).must_respond_to :work
  end
end
```

outputs a failure:

1) Failure:

```
Worker#test_0001_must respond to work [bug11.rb:16]:
Expected #<Object:0x007f9e7184f0a0> (Object) to
respond to #work.
```

Worker is a SimpleDelegate which in 1.9+ is a subclass of BasicObject. Expectations are put on Object (one level down) so the Worker (SimpleDelegate) hits +method\_missing+ and delegates down to the +Object.new+ instance. That object doesn't respond to work so the test fails.

You can bypass `SimpleDelegate#method_missing` by extending the worker with `Minitest::Expectations`. You can either do that in your setup at the instance level, like:

```
before do
  @worker = Worker.new(Object.new)
  @worker.extend Minitest::Expectations
end
```

or you can extend the Worker class (within the test file!), like:

```
class Worker
  include ::Minitest::Expectations
end
```

=== How to share code across test classes?

Use a module. That's exactly what they're for:

```
module UsefulStuff
  def useful_method
    # ...
  end
end

describe Blah do
  include UsefulStuff

  def test_whatever
    # useful_method available here
  end
end
```

Remember, +describe+ simply creates test classes. It's just ruby at the end of the day and all your normal Good Ruby Rules (tm) apply. If you want to extend your test using setup/teardown via a module, just make sure you ALWAYS call super. before/after automatically call super for you, so make sure you don't do it twice.

=== How to run code before a group of tests?

Use a constant with begin...end like this:

```
describe Blah do
  SETUP = begin
    # ... this runs once when describe Blah starts
  end
  # ...
end
```

This can be useful for expensive initializations or sharing state. Remember, this is just ruby code, so you need to make sure this technique and sharing state doesn't interfere with your tests.

=== Why am I seeing `uninitialized constant MiniTest::Test (NameError)`?

Are you running the test with Bundler (e.g. via `bundle exec`)? If so,



in order to require minitest, you must first add the `gem 'minitest'` to your Gemfile and run `+bundle+`. Once it's installed, you should be able to require minitest and run your tests.

== Prominent Projects using Minitest:

- \* arel
- \* journey
- \* mime-types
- \* nokogiri
- \* rails (active\_support et al)
- \* rake
- \* rdoc
- \* ...and of course, everything from seattle.rb...

== Developing Minitest:

Minitest requires {Hoe}[<https://rubygems.org/gems/hoer>].

=== Minitest's own tests require UTF-8 external encoding.

This is a common problem in Windows, where the default external Encoding is often CP850, but can affect any platform.

Minitest can run test suites using any Encoding, but to run Minitest's own tests you must have a default external Encoding of UTF-8.

If your encoding is wrong, you'll see errors like:

```
--- expected
+++ actual
@@ -1,2 +1,3 @@
# encoding: UTF-8
-"Expected /\w+/ to not match \"blah blah blah\"."
+"Expected /\w+/ to not match # encoding: UTF-8
+\"blah blah blah\"."
```

To check your current encoding, run:

```
ruby -e 'puts Encoding.default_external'
```

If

your output is something other than UTF-8, you can set the RUBYOPTS env variable to a value of '-Eutf-8'. Something like:

```
RUBYOPTS='-Eutf-8' ruby -e 'puts Encoding.default_external'
```

Check your OS/shell documentation for the precise syntax (the above

will not work on a basic Windows CMD prompt, look for the SET command).  
Once you've got it successfully outputting UTF-8, use the same setting  
when running rake in Minitest.

=== Minitest's own tests require GNU (or similar) diff.

This is also a problem primarily affecting Windows developers. PowerShell  
has a command called diff, but it is not suitable for use with Minitest.

If you see failures like either of these, you are probably missing diff tool:

```
4) Failure:
  TestMinitestUnitTestCase#test_assert_equal_different_long
[D:/ruby/seattlerb/minitest/test/minitest/test_minitest_test.rb:936]:
  Expected: "--- expected\n+++ actual\n@@ -1 +1 @@\n-
\"hahahahahahahahahahahahahahahahahahahahaha\"\\n+\"blahblahblahblahblahblahblahblahblahblah\"\\n"
  Actual: "Expected: \"hahahahahahahahahahahahahahahahahahahahaha\"\\n Actual:
\"blahblahblahblahblahblahblahblahblahblah\""
```

```
5) Failure:
  TestMinitestUnitTestCase#test_assert_equal_different_collection_hash_hex_invisible
[D:/ruby/seattlerb/minitest/test/minitest/test_minitest_test.rb:845]:
  Expected: "No visible difference in the Hash#inspect output.\\nYou should look at the implementation of #== on
Hash or its members.\\n
{1=>#<Object:0xXXXXXX>}"
  Actual: "Expected: {1=>#<Object:0x00000003ba0470>}\\n Actual: {1=>#<Object:0x00000003ba0448>}"
```

If you use Cygwin or MSYS2 or similar there are packages that include a  
GNU diff for Windows. If you don't, you can download GNU diffutils from  
<http://gnuwin32.sourceforge.net/packages/diffutils.htm>  
(make sure to add it to your PATH).

You can make sure it's installed and path is configured properly with:

```
diff.exe -v
```

There are multiple lines of output, the first should be something like:

```
diff (GNU diffutils) 2.8.1
```

If you are using PowerShell make sure you run diff.exe, not just diff,  
which will invoke the PowerShell built in function.

== Known Extensions:

```
capybara_minitest_spec  :: Bridge between Capybara RSpec matchers and
```

Minitest::Spec expectations (e.g.  
 <tt>page.must\_have\_content("Title")</tt>).

color\_pound\_spec\_reporter :: Test names print Ruby Object types in color with  
 your Minitest Spec style tests.

minispec-metadata :: Metadata for describe/it blocks & CLI tag filter.  
 E.g. <tt>it "requires JS driver", js: true do</tt> &  
 <tt>ruby test.rb --tag js</tt> runs tests tagged :js.

minispec-rails :: Minimal support to use Spec style in Rails 5+.

mini-apivore :: for swagger based automated API testing.

minitest-around :: Around block for minitest. An alternative  
 to  
 setup/teardown dance.

minitest-assert\_errors :: Adds Minitest assertions to test for errors raised  
 or not raised by Minitest itself.

minitest-autotest :: autotest is a continuous testing facility meant to  
 be used during development.

minitest-bacon :: minitest-bacon extends minitest with bacon-like  
 functionality.

minitest-bang :: Adds support for RSpec-style let! to immediately  
 invoke let statements before each test.

minitest-bisect :: Helps you isolate and debug random test failures.

minitest-blink1\_reporter :: Display test results with a Blink1.

minitest-capistrano :: Assertions and expectations for testing  
 Capistrano recipes.

minitest-capybara :: Capybara matchers support for minitest unit and  
 spec.

minitest-chef-handler :: Run Minitest suites as Chef report handlers

minitest-ci :: CI reporter plugin for Minitest.

minitest-context :: Defines contexts for code reuse in Minitest  
 specs that share common expectations.

minitest-debugger :: Wraps assert so failed assertions drop into  
 the ruby debugger.

minitest-display :: Patches Minitest to allow for an easily  
 configurable output.

minitest-documentation :: Minimal documentation format inspired by rspec's.

minitest-doc\_reporter :: Detailed output inspired by rspec's documentation  
 format.

minitest-emoji :: Print out emoji for your test passes, fails, and  
 skips.

minitest-english :: Semantically symmetric aliases for assertions and  
 expectations.

minitest-excludes  
 :: Clean API for excluding certain tests you  
 don't want to run under certain conditions.

minitest-fail-fast :: Reimplements RSpec's "fail fast" feature

minitest-filecontent :: Support unit tests with expectation results in files.  
 Differing results will be stored again in files.

minitest-filesystem :: Adds assertion and expectation to help testing filesystem contents.

minitest-firemock :: Makes your Minitest mocks more resilient.

minitest-focus :: Focus on one test at a time.

minitest-gcstats :: A minitest plugin that adds a report of the top tests by number of objects allocated.

minitest-global\_expectations:: Support minitest expectation methods for all objects

minitest-great\_expectations :: Generally useful additions to minitest's assertions and expectations.

minitest-growl  
:: Test notifier for minitest via growl.

minitest-happy :: GLOBALLY ACTIVATE MINITEST PRIDE! RAWR!

minitest-have\_tag :: Adds Minitest assertions to test for the existence of HTML tags, including contents, within a provided string.

minitest-heat :: Reporting that builds a heat map of failure locations

minitest-hooks :: Around and before\_all/after\_all/around\_all hooks

minitest-hyper :: Pretty, single-page HTML reports for your Minitest runs

minitest-implicit-subject :: Implicit declaration of the test subject.

minitest-instrument :: Instrument ActiveSupport::Notifications when test method is executed.

minitest-instrument-db :: Store information about speed of test execution provided by minitest-instrument in database.

minitest-junit :: JUnit-style XML reporter for minitest.

minitest-keyword  
:: Use Minitest assertions with keyword arguments.

minitest-libnotify :: Test notifier for minitest via libnotify.

minitest-line :: Run test at line number.

minitest-logger :: Define assert\_log and enable minitest to test log messages. Supports Logger and Log4r::Logger.

minitest-macruby :: Provides extensions to minitest for macruby UI testing.

minitest-matchers :: Adds support for RSpec-style matchers to minitest.

minitest-matchers\_vaccine :: Adds assertions that adhere to the matcher spec, but without any expectation infections.

minitest-metadata :: Annotate tests with metadata (key-value).

minitest-mock\_expectations :: Provides method call assertions for minitest.

minitest-mongoid :: Mongoid assertion matchers for Minitest.

minitest-must\_not :: Provides must\_not as an alias for wont in Minitest.

minitest-optional\_retry :: Automatically retry failed test to help with flakiness.

minitest-osx :: Reporter for the Mac OS X notification center.

minitest-parallel\_fork :: Fork-based parallelization

minitest-parallel-db :: Run tests in parallel with a single database.

minitest-power\_assert :: PowerAssert for Minitest.

minitest-predicates :: Adds support for .predicate? methods.

minitest-profile :: List the 10 slowest tests in your suite.

minitest-rails :: Minitest integration for Rails 3.x.  
 minitest-rails-capybara :: Capybara integration for Minitest::Rails.  
 minitest-reporters :: Create customizable Minitest output formats.  
 minitest-rg :: Colored red/green output for Minitest.  
 minitest-rspec\_mocks :: Use RSpec Mocks with Minitest.  
 minitest-server :: minitest-server provides a client/server setup  
 with your minitest process, allowing your test  
 run to send its results directly to a handler.  
 minitest-sequel :: Minitest assertions to speed-up development and  
 testing of Ruby Sequel database setups.  
 minitest-shared\_description :: Support for shared specs and shared spec  
 subclasses  
 minitest-should\_syntax :: RSpec-style `x.should == y` assertions for  
 Minitest.  
 minitest-shouldify :: Adding all manner of shoulds to Minitest (bad  
 idea)  
 minitest-snail :: Print a list of tests that take too long  
 minitest-spec-context :: Provides rspec-ish context method to  
 Minitest::Spec.  
 minitest-spec-expect :: Expect syntax for Minitest::Spec (e.g.  
`expect(sequences).to_include :celery_man`).  
 minitest-spec-magic  
 :: Minitest::Spec extensions for Rails and beyond.  
 minitest-spec-rails :: Drop in Minitest::Spec superclass for  
 ActiveSupport::TestCase.  
 minitest-sprint :: Runs (Get it? It's fast!) your tests and makes  
 it easier to rerun individual failures.  
 minitest-stately :: Find leaking state between tests  
 minitest-stub\_any\_instance :: Stub any instance of a method on the given class  
 for the duration of a block.  
 minitest-stub-const :: Stub constants for the duration of a block.  
 minitest-tags :: Add tags for minitest.  
 minitest-unordered :: Adds a new assertion to minitest for checking the  
 contents of a collection, ignoring element order.  
 minitest-vcr :: Automatic cassette management with Minitest::Spec  
 and VCR.  
 minitest\_log :: Adds structured  
 logging, data explication, and verdicts.  
 minitest\_owrapper :: Get tests results as a TestResult object.  
 minitest\_should :: Shoulda style syntax for minitest test::unit.  
 minitest\_tu\_shim :: Bridges between test/unit and minitest.  
 mongoid-minitest :: Minitest matchers for Mongoid.  
 mutant-minitest :: Minitest integration for mutant.  
 pry-rescue :: A pry plugin w/ minitest support. See  
`pry-rescue/minitest.rb`.  
 rematch :: Declutter your test files from large hardcoded data  
 and update them automatically when your code changes.  
 rspec2minitest :: Easily translate any RSpec matchers to Minitest

assertions and expectations.

== Unknown Extensions:

Authors... Please send me a pull request with a description of your minitest extension.

- \* assay-minitest
- \* detroit-minitest
- \* em-minitest-spec
- \* flexmock-minitest
- \*
- guard-minitest
- \* guard-minitest-decisiv
- \* minitest-activemodel
- \* minitest-ar-assertions
- \* minitest-capybara-unit
- \* minitest-colorer
- \* minitest-deluxe
- \* minitest-extra-assertions
- \* minitest-rails-shoulda
- \* minitest-spec
- \* minitest-spec-should
- \* minitest-sugar
- \* spork-minitest

== Minitest related goods

- \* minitest/pride fabric: [http://www.spoonflower.com/fabric/3928730-again-by-katie\\_allen](http://www.spoonflower.com/fabric/3928730-again-by-katie_allen)

== REQUIREMENTS:

- \* Ruby 2.3+. No magic is involved. I hope.

== INSTALL:

```
sudo gem install minitest
```

On 1.9, you already have it. To get newer candy you can still install the gem, and then requiring "minitest/autorun" should automatically pull it in. If not, you'll need to do it yourself:

```
gem "minitest" # ensures you're using the gem, and not the built-in MT
require "minitest/autorun"
```

```
# ... usual testing stuffs ...
```

DO NOTE: There is a serious problem with the way that ruby 1.9/2.0 packages their own gems. They install a gem specification file, but

don't install the gem  
contents in the gem path. This messes up  
Gem.find\_files and many other things (gem which, gem contents, etc).

Just install minitest as a gem for real and you'll be happier.

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Found in path(s):

\* /opt/cola/permits/1242711927\_1682106184.7644086/0/minitest-5-15-0-gem/data-tar-gz/README.rdoc

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# for more details.

Found in path(s):

\* /opt/cola/permits/1242711927\_1682106184.7644086/0/minitest-5-15-0-gem/data-tar-gz/lib/minitest/benchmark.rb

## 1.195 racc 1.6.0

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```
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```

```
#
```

```
#
```

```
#
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#
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```

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# 1.196 hashicorp-go-secure-stdlib-strutil 0.1.2

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```
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```

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<signature of Ty Coon>, 1 April 1989  
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative

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Ty Coon, President of Vice

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## 1.198 libxml2 2.9.1-6.el7\_9.6

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## 1.203 dom 1.0

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/w3c/dom/html/HTMLDOMImplementation.java

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ElementEditAS.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASNotationDeclaration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObject.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/CharacterDataEditAS.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMImplementationAS.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASModel.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DocumentAS.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASAttributeDeclaration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASElementDeclaration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASDataType.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASContentModel.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASWriter.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DocumentEditAS.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObjectList.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASBuilder.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/NodeEditAS.java  
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/\*\*

\* Checks if this content model has had its min/maxOccurs values reduced for  
\* purposes of speeding up UPA. If  
so, this content model should not be used  
\* for any purpose other than checking unique particle attribution  
\*  
\* @return a boolean that says whether this content has been compacted for UPA  
\*/

Found in path(s):

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/models/XSCMValidator.java

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/\*\*

\* DOM Level 3 LS CR - Experimental.  
\* Create a new `LSParser`. The newly constructed parser may  
\*  
then be configured by means of its `DOMConfiguration`  
\* object, and used to parse documents by means of its `parse`  
\* method.  
\* @param mode The `mode` argument is either



- \* `MODE_SYNCHRONOUS` or `MODE_ASYNCHRONOUS`, if
- \* `mode` is `MODE_SYNCHRONOUS` then the
- \* `LSParser` that is created will operate in synchronous
- \* mode, if it's `MODE_ASYNCHRONOUS` then the
- \* `LSParser` that is created will operate in asynchronous
- \* mode.
- \* @param schemaType An absolute URI representing the type of the schema
- \* language used during the load of a `Document` using the
- \* newly created `LSParser`. Note that no lexical checking
- \* is done on the absolute URI. In order to create a
- \* `LSParser` for any kind of schema types (i.e. the
- \* `LSParser` will be free to use any schema

found), use the value

- \* `null`.
- \* **Note:** For W3C XML Schema [[XML Schema Part 1](http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/)],
- \* applications must use the value
- \* `"http://www.w3.org/2001/XMLSchema"`. For XML DTD [[XML 1.0](http://www.w3.org/TR/2000/REC-xml-20001006/)],
- \* applications must use the value
- \* `"http://www.w3.org/TR/REC-xml"`. Other Schema languages
- \* are outside the scope of the W3C and therefore should recommend an
- \* absolute URI in order to use this method.
- \* @return The newly created `LSParser` object. This
- \* `LSParser` is either synchronous or asynchronous
- \* depending on the value of the `mode` argument.
- \* **Note:** By default, the newly created `LSParser`
- \* does not contain a `DOMErrorHandler`, i.e. the value of
- \* the "[parameter-error-handler](http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler)
- \* `error-handler`" configuration parameter is `null`. However, implementations
- \* may provide a default error handler at creation time. In that case,
- \* the initial value of the `"error-handler"` configuration
- \* parameter on the new created `LSParser` contains a
- \* reference to the default error handler.
- \* @exception DOMException
- \* NOT\_SUPPORTED\_ERR: Raised if the requested mode or schema type is
- \* not supported.

Found in path(s):

`/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java`

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDElementTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/parser/XMLErrorHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/html/dom/HTMLFrameElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/XMLEntityDescriptionImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/util/ShadowedSymbolTable.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/util/ObjectListImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLImgElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLOptgroupElement.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xni/parser/XMLInputSource.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/WMLImgElement.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/dom/DeferredCDATASectionImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDAbstractIDConstraintTraverser.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/xs/XSParticle.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/wml/dom/WMLWmlElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/dv/xs/AnySimpleDV.java  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/WMLTimerElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xpath/regex/CaseInsensitiveMap.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/opti/SchemaDOMImplementation.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 jar/org/apache/wml/WMLAnchorElement.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xml/serialize/HTMLSerializer.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/HTMLHtmlElementImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/stax/DefaultNamespaceContext.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xinclude/MultipleScopeNamespaceSupport.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/xs/opti/SchemaParsingConfig.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/xs/XSException.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/wml/dom/WMLMetaElementImpl.java  
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 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 jar/org/apache/xerces/util/EncodingMap.java  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DOMInputImpl.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/html/dom/ObjectFactory.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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 jar/org/apache/html/dom/HTMLLabelElementImpl.java  
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 jar/org/apache/xerces/jaxp/validation/XSGrammarPoolContainer.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParserForXMLSchema.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMNormalizer.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/IntegerDV.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/DocumentBuilderFactoryImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLIsIndexElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/SimpleContentModel.java  
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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredDocumentImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSSimpleTypeDefinition.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/EmptyLocation.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/SerializerFactory.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/HTTPInputSource.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/Encodings.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSAttributeUse.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/BaseMarkupSerializer.java

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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/CharactersImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredDOMImplementationImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/XMLEventFactoryImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/JAXPNamespaceContextWrapper.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/Namespacesupport.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLDocumentHandler.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMLocatorImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/LSInputListImpl.java

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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSDeclarationPool.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/JAXPValidationMessageFormatter.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/CMBinOp.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/ExtendedSchemaDVFactoryImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XML11DTDValidator.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/EntityDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/SymbolTable.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AnyURIDV.java

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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityScanner.java

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 jar/org/apache/xerces/impl/xs/SchemaNamespaceSupport.java  
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/\*\*

\* used to check the 3 constraints against each complex type

\* (should be each model group):

\* Unique Particle

Attribution, Particle Derivation (Restriction),

\* Element Declarations Consistent.

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/traversers/XSDKeyrefTraverser.java  
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## 1.204 dirgra 0.3

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Found in path(s):

```
* /opt/cola/permits/1257321065_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/NetDBFilter.java
```



\* /opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/NetDBEntry.java  
\* /opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/StringUtil.java  
\*  
/opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/NativeServicesDB.java  
\* /opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/IANAServicesDB.java  
\* /opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/NativeProtocolsDB.java  
\* /opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/FileServicesDB.java  
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\* /opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/NetDBParser.java  
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\*  
/opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/Protocol.java  
\* /opt/cola/permits/1257321065\_1642800628.58/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/NetDBIterator.java

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## 1.214 jclouds-log4j 1.0-beta-7



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\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/ovf/VirtualHardwareSection.java

\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/CommonVCloudAsyncClient.java

\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/xml/NetworkConnectionHandler.java

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\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/xml/OrgNetworkHandler.java

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/opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/VAppTemplate.java

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\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/CatalogItem.java

\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/compute/functions/ImagesInVCloudExpressOrg.java

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\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/compute/strategy/VCloudDestroyNodeStrategy.java

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\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/VCloudClient.java

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* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
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* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
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* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
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 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/xml/ovf/VCloudNetworkSectionHandler.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/endpoints/OrgList.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/VCloudToken.java  
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 /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/domain/ovf/OvfEnvelope.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/xml/TasksListHandler.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-

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jar/org/jclouds/vcloud/domain/ovf/VCloudNetworkSection.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/options/CaptureVAppOptions.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/ovf/network/Network.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/functions/OrgNameToTasksListEndpoint.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/VApp.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/compute/internal/VCloudExpressComputeClientImpl.java
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/opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/network/nat/rules/OneToOneVmRule.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/options/InstantiateVAppTemplateOptions.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/compute/strategy/VCloudExpressGetNodeMetadataStrategy.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/binders/BindParamsToXmlPayload.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
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* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
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/opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/network/NatService.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/internal/OrgImpl.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/compute/strategy/VCloudExpressDestroyNodeStrategy.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/internal/TaskImpl.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/functions/AllVDCsInOrg.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/compute/functions/HardwareForVCloudExpressVApp.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/compute/functions/HardwareForVApp.java
*
/opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/binders/BindCaptureVAppParamsToXmlPayload.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/reference/package-info.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/xml/ovf/VirtualSystemHandler.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/Task.java

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\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/xml/CatalogHandler.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/network/Features.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/VCloudExpressVApp.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/xml/ovf/OperatingSystemSectionHandler.java  
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 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/VCloudExpressClient.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/compute/options/VCloudTemplateOptions.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/util/VCloudUtils.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/Catalog.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/endpoints/Org.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/functions/OrgNameToEndpoint.java  
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 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/binders/BindInstantiateVCloudExpressVAppTemplateParamsToXmlPayload.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/ovf/VCloudVirtualHardwareSection.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/compute/functions/FindLocationForResource.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/functions/VAppTemplatesForCatalogItems.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/compute/functions/HardwareForVAppTemplate.java  
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 /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/network/FirewallService.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/binders/BindUndeployVAppParamsToXmlPayload.java  
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 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
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 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/xml/VDCHandler.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/functions/OrgsForNames.java  
 \*  
 /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
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 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/VCloudMediaType.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/domain/ovf/VCloudNetworkAdapter.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/domain/GuestCustomizationSection.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/domain/ReferenceType.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/VCloudExpressAsyncClient.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/config/VCloudExpressRestClientModule.java  
 \*  
 /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/compute/internal/VCloudTemplateBuilderImpl.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/functions/AllCatalogsInOrg.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/endpoints/VCloudLogin.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/domain/VCloudVersionsAsyncClient.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/domain/AllocationModel.java  
 \* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-  
 jar/org/jclouds/vcloud/xml/VCloudVirtualHardwareHandler.java

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* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/binders/BindDeployVAppParamsToXmlPayload.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/xml/TaskHandler.java
*
/opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/filters/SetVCloudTokenCookie.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/compute/functions/ImageForVCloudExpressVAppTemplate.java
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```
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 * =====
 */
```

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* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/internal/VAppImpl.java
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jar/org/jclouds/vcloud/xml/ovf/OvfEnvelopeHandler.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/xml/VAppHandler.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/xml/VAppTemplateHandler.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/xml/VmHandler.java
* /opt/cola/permits/1263826840_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-
jar/org/jclouds/vcloud/domain/internal/VAppTemplateImpl.java
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```

```
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 *
```

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\* /opt/cola/permits/1263826840\_1643714836.52/0/jclouds-vcloud-1-0-beta-7-sources-jar/org/jclouds/vcloud/domain/internal/VmImpl.java

## 1.216 maverick-assembly 1.7.35

### 1.216.1 Available under license :

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# MaverickK

Here are the raw files that make up the program [MaverickK]([www.bobverity.com/maverick](http://www.bobverity.com/maverick)). These files are distributed under [MIT license](<https://opensource.org/licenses/MIT>), which means you can basically do whatever you want with them as long as you include the original copyright and license notice in any copy of the software/source code.

The Makefile contains all the commands needed to compile the program on Unix-like systems (i.e. Mac and Linux), meaning you should only need to implement the command "make" on the command line to compile the program (this has been found to work using GCC version 6.1 and above). On a Windows machine it is recommended to load all .cpp and .h files into Visual Studio where they can be compiled easily.

Separate branches exist for each released version of the software. Select the branch corresponding to the version you are interested in before downloading files, or alternatively you can see all released versions in the "releases" tab.

## Version History

12.12.2017 \*\*Version1.0.5 released\*\*<br>

11.12.2017 Allow alternative data file format with multiple columns per locus.

07.12.2016 **\*\*Version1.0.4 released\*\***<br>

30.11.2016 Increased speed under admixture model via look-up table.

29.06.2016 **\*\*Version1.0.3 released\*\***<br>

29.06.2016 Improved cross-platform compatibility. Fixed clock time, which previously gave incorrect runtime estimates.

22.06.2016 **\*\*Version1.0.2 released\*\***<br>

21.06.2016 Added Metropolis-Hastings step to improve mixing under admixture model

20.05.2016 **\*\*Version1.0.1 released\*\***<br>

20.05.2016 Fixed bug causing Q-matrix probabilities to sum to >1

20.05.2016 **\*\*Version1.0.0 released\*\***

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\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/README.md

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## OVERALL PROGRAM STRUCTURE

- The overall flow of the program is specified in main.cpp. First, global parameters are defined (given default values) in a single "globals" object. Then a handful of input arguments are processed - just those needed to locate the parameters.txt file. This file is then located and read in, and finally remaining command-line arguments are processed. Therefore the order of precedence is: default values, which are overwritten by parameters in the parameters.txt file, which are overwritten by parameters specified on the command line.
- The data.txt file is then read in, and certain checks are carried out to ensure that the combination of data and parameters makes sense.
- The main loop of the program over values of K then begins. In each iteration there are various different sorts of analysis carried out (for example exhaustive analysis, thermodynamic integration etc.). The main MCMC loop is compulsory, but all other types of analysis are optional.
- For MCMC analyses (either the ordinary MCMC or the thermodynamic integral MCMC, and either with- or without-admixture) a distinct MCMCobject class is defined. This class contains all functions and variables needed to carry out the MCMC. Final results are saved back into the globals object.
- Where possible, outputs are produced at each iteration of the main loop (for each K) and results are flushed. This means that outputs can be viewed even when the program has not completely finished. Some outputs (such as normalised evidence values) can only be produced after the main loop.
- This code is designed to compile on both Windows and Mac. Operating-system specific functions are contained in the header file "OSfunctions.h"

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## EXHAUSTIVE APPROACH - SUMMING OVER PARTITIONS ACCORDING TO RESTRICTED GROWTH FUNCTION

The exact model evidence can be obtained by summing over all possible assignments of  $n$  objects to  $K$  groups ( $n$  is the number of individuals in the case of the without-admixture model, or the number of gene copies in the case of the admixture model). For example, if  $n=6$  and  $K=3$  then we would need to explore the following allocations...

1 1 1 1 1 1  
1 1 1 1 1 2  
1 1 1 1 1 3  
1 1 1 1 2 1  
1 1 1 1 2 2  
1 1 1 1 2 3  
1 1 1 1 3 1  
...  
3 3 3 3 3 2  
3 3 3 3 3 3

The number of such allocations is  $K^n$ , which becomes prohibitively large for even moderate  $n$  and  $K$ .

We can make this more efficient by only summing over unique partitions. Mixture components are not uniquely defined, meaning allocations that correspond to the same partition have the same likelihood. For example, {1 1 1 2 2} is equivalent to {2 2 2 1 1} is equivalent to {3 3 3 2 2} etc. We can loop over all unique partitions using the restricted growth function, in which

the  $i$ th element can never be more than 1 higher than preceding values (and no value can exceed  $K$ ). This leads to the following list of allocations...

1 1 1 1 1 1  
1 1 1 1 1 2  
1 1 1 1 2 1  
1 1 1 1 2 2  
1 1 1 1 2 3  
1 1 1 2 1 1  
1 1 1 2 1 2  
1 1 1 2 1 3  
1 1 1 2 2 1  
1 1 1 2 2 2  
1 1 1 2 2 3  
...  
1 2 3 3 3 2  
1 2 3 3 3 3

The number of such partitions is given by the sum from  $k=1$  to  $k=K$  of  $S\{n,k\}$ , where  $S\{n,k\}$  denotes the Stirling numbers of the second kind (note that when  $K \geq n$  this is equivalent to the Bell number  $B_n$ ). This is often significantly smaller than  $K^n$ .

When calculating the overall likelihood, the likelihood of each partition must be multiplied by the number of unique group allocations that it encapsulates. For example, the partition {1 1 1 1 1 1} encapsulates  $K$  unique allocations, because the "1" values could be replaced with any value from 1 to  $K$  and still correspond to this partition.

Taking a more complex example, the partition {1 1 1 2 2 3} can be written as follows:

{o o o}{o o}{o}, where each dot "o" can be any unique number. There are  $K$  values that we can assign to the first cluster of three dots, then  $(K-1)$  values that we can assign to the second cluster of two dots, then  $(K-2)$  values that we can assign to the final cluster of a single dot. So, the number of unique allocations represented by this partition is

K(K-1)(K-2).

More generally, let  $u$  denote the total number of elements in the partition (also the largest value in the restricted growth function). So in the above example  $u=3$ . Then the number of allocation is given by  $K!/(K-u)!$ .

This is why log-likelihoods are weighted by  $\lgamma(\text{double}(K)+1)-\lgamma(\text{double}(K)-\text{double}(\text{uniques})+1)$  in the exhaustive approach.

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\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/Hungarian.cpp

\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/mainMCMC.h

\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/TI.cpp

\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/readIn.cpp

\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/globals.cpp

\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/readIn.h

\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/Hungarian.h

\* /opt/cola/permits/1263826796\_1719459860.3088236/0/maverick-master-zip/MavericK-master/writeOut.h

```

* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/probability.h
*
/opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/exhaustive.cpp
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-
master/MCMCobject_noAdmixture.h
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-
master/MCMCobject_noAdmixture.cpp
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/mainMCMC.cpp
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/misc.h
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/probability.cpp
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-
master/MCMCobject_admixture.h
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-
master/MCMCobject_admixture.cpp
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/writeOut.cpp
*
/opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/exhaustive.h
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/TL.h
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/EM_algorithm.h
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/OSfunctions.h
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/globals.h
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/EM_algorithm.cpp
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/main.cpp
* /opt/cola/permits/1263826796_1719459860.3088236/0/maverick-master-zip/MavericK-master/misc.cpp

```

## 1.217 vt-password 3.1.2

### 1.217.1 Available under license :

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\$Id: RuleResult.java 2704 2013-04-24 21:30:32Z dfisher \$

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Email: middleware@vt.edu

Version: \$Revision: 2704 \$

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\*/

Found in path(s):

```

* /opt/cola/permits/1263826817_1643714806.89/0/vt-password-3-1-2-sources-
jar/edu/vt/middleware/password/RuleResult.java

```



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\$Id: Password.java 2704 2013-04-24 21:30:32Z dfisher \$

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\$Id: QwertySequenceRule.java 2704 2013-04-24 21:30:32Z dfisher \$

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\$Id: AbstractDictionaryRule.java 2704 2013-04-24 21:30:32Z dfisher \$

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\*/

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\$Id: HistoryRule.java 2704 2013-04-24 21:30:32Z dfisher \$

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\*/

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\* /opt/cola/permits/1263826817\_1643714806.89/0/vt-password-3-1-2-sources-jar/edu/vt/middleware/password/PasswordData.java

\* /opt/cola/permits/1263826817\_1643714806.89/0/vt-password-3-1-2-sources-jar/edu/vt/middleware/password/AbstractCharacterRule.java

\* /opt/cola/permits/1263826817\_1643714806.89/0/vt-password-3-1-2-sources-jar/edu/vt/middleware/password/RuleResultDetail.java

\* /opt/cola/permits/1263826817\_1643714806.89/0/vt-password-3-1-2-sources-jar/edu/vt/middleware/password/NonAlphanumericCharacterRule.java

\* /opt/cola/permits/1263826817\_1643714806.89/0/vt-password-3-1-2-sources-jar/edu/vt/middleware/password/LowercaseCharacterRule.java

\*

/opt/cola/permits/1263826817\_1643714806.89/0/vt-password-3-1-2-sources-jar/edu/vt/middleware/password/UppercaseCharacterRule.java

\* /opt/cola/permits/1263826817\_1643714806.89/0/vt-password-3-1-2-sources-jar/edu/vt/middleware/password/AlphabeticalCharacterRule.java

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jar/edu/vt/middleware/password/MessageResolver.java

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\$Id: CharacterCharacteristicsRule.java 2704 2013-04-24 21:30:32Z dfisher \$

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\$Id: DictionarySubstringRule.java 2704 2013-04-24 21:30:32Z dfisher \$

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\$Id: AbstractDigester.java 2704 2013-04-24 21:30:32Z dfisher \$

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\$Id: PasswordGenerator.java 2704 2013-04-24 21:30:32Z dfisher \$

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Author: Sean C. Sullivan

Author: Middleware Services

Email: sean@seansullivan.com

Email: middleware@vt.edu

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# 1.218 java-xmlbuilder 0.6

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## 1.219 vcloudsuite-client-samples 6.0.0

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***/
```

Found in path(s):

```
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-samples/src/main/java/com/vmware/content/samples/client/util/OvfUtil.java
```

```
*/opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-samples/src/main/java/com/vmware/content/samples/DeployOvf.java
```

```
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-samples/src/main/java/com/vmware/content/samples/ClsApiHelper.java
```

```
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-samples/src/main/java/com/vmware/content/samples/client/ClsApiClient.java
```

```
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-samples/src/main/java/com/vmware/content/samples/CreateOvfFromVm.java
```

```
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-samples/src/main/java/com/vmware/content/samples/client/util/IOUtil.java
```

```
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
```



```

samples/src/main/java/com/vmware/content/samples/AbstractSample.java
*
/opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/src/main/java/com/vmware/content/samples/ImportOvf.java
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/src/main/java/com/vmware/content/samples/BasicLibraryFlow.java
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/src/main/java/com/vmware/content/samples/client/util/VimServiceManager.java
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/src/main/java/com/vmware/content/samples/client/util/HttpUtil.java
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/src/main/java/com/vmware/content/samples/LibraryCount.java
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/build.gradle
*
/opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/src/main/java/com/vmware/content/samples/client/util/LoginInfo.java
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/src/main/java/com/vmware/content/samples/ImportOva.java
* /opt/cola/permits/1263826670_1713334848.2679381/0/content-library-api-samples-zip/content-library-api-
samples/src/main/java/com/vmware/content/samples/DownloadItem.java

```

## 1.220 jclouds-terremark 1.0-beta-7

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 * =====
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```

Found in path(s):

```

* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/endpoints/InternetServices.java
*
/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/binders/BindNodeConfigurationToXmlPayload.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/endpoints/KeysList.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/TerremarkVCloudClient.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/suppliers/VAppTemplatesInOrgs.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/InternetServicesHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/config/TerremarkVCloudExpressRestClientModule.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/functions/ParseTaskFromLocationHeader.java
*
/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/domain/OrgAndName.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/functions/VDCURIToInternetServicesEndpoint.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/binders/BindVAppConfigurationToXmlPayload.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/strategy/TerremarkEncodeTagIntoNameRunNodesAndAddToSetStrategy
.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/strategy/TerremarkVCloudAddNodeWithTagStrategy.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/KeyPairHandler.java
*
/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/functions/OrgURIToKeysListEndpoint.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/endpoints/PublicIPs.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/strategy/DeleteKeyPair.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/TerremarkVDCHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/TerremarkOrgHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/IpAddressesHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/TerremarkVCloudExpressClient.java
*

```

/opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/functions/ReturnVoidOnDeleteDefaultIp.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/compute/TerremarkVCloudComputeService.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/domain/VAppConfiguration.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/compute/TerremarkVCloudComputeClient.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/xml/NodesHandler.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/compute/config/TerremarkVCloudComputeServiceContextModule.java  
\*

/opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/compute/strategy/CleanupOrphanKeys.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/TerremarkECloudClient.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/TerremarkVCloudAsyncClient.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/xml/NodeHandler.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/TerremarkECloudContextBuilder.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/compute/strategy/TerremarkVCloudGetNodeMetadataStrategy.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/config/TerremarkECloudRestClientModule.java  
\*

/opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/xml/PublicIpAddressesHandler.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/domain/TerremarkCatalogItem.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/TerremarkVCloudMediaType.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/options/AddInternetServiceOptions.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/TerremarkVCloudPropertiesBuilder.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/TerremarkVCloudExpressPropertiesBuilder.java  
\*

/opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/binders/TerremarkBindInstantiateVAppTemplateParamsToXmlPayload.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/compute/functions/TemplateToInstantiateOptions.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-jar/org/jclouds/vcloud/terremark/TerremarkECloudAsyncClient.java  
\* /opt/cola/permits/1263826766\_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-

```

jar/org/jclouds/vcloud/terremark/handlers/ParseTerremarkVCloudErrorFromHttpResponse.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/InternetServiceHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/options/TerremarkVCloudTemplateOptions.java
*
/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/reference/TerremarkConstants.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/TerremarkECloudPropertiesBuilder.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/options/TerremarkInstantiateVAppTemplateOptions.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/InternetService.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/internal/TerremarkCatalogItemImpl.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/functions/VDCURIToPublicIPsEndpoint.java
*
/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/Node.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/CustomizationParametersHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/options/AddNodeOptions.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/KeyPairsHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/strategy/ParseVAppTemplateDescriptionToGetDefaultLoginCredentials.j
ava
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/binders/BindAddInternetServiceToXmlPayload.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/binders/BindCreateKeyToXmlPayload.java
*
/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/TerremarkVCloudExpressContextBuilder.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/internal/TerremarkVDCImpl.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/config/TerremarkRestClientModule.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/strategy/CreateNewKeyPairUnlessUserSpecifiedOtherwise.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/Protocol.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/TerremarkECloudMediaType.java
*

```

```

/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/functions/CreateUniqueKeyPair.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/functions/NodeMetadataToOrgAndName.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/KeyPairByNameHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/TerremarkVCloudExpressAsyncClient.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/internal/TerremarkOrgImpl.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/TerremarkVCloudExpressMediaType.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/KeyPair.java
*
/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/compute/domain/KeyPairCredentials.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/TerremarkCatalogItemHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/CustomizationParameters.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/binders/BindAddNodeServiceToXmlPayload.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/xml/PublicIpAddressHandler.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/TerremarkVDC.java
*
/opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/PublicIpAddress.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/IpAddress.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/domain/TerremarkOrg.java
* /opt/cola/permits/1263826766_1643714795.66/0/jclouds-terremark-1-0-beta-7-sources-
jar/org/jclouds/vcloud/terremark/binders/TerremarkBindCloneVAppParamsToXmlPayload.java

```

## 1.221 jclouds-core 1.0-beta-7

### 1.221.1 Available under license :

No license file was found, but licenses were detected in source scan.

```

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```

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# =====
#
azurequeue.contextbuilder=org.jclouds.azure.storage.AzureStorageContextBuilder
azurequeue.sync=org.jclouds.azure.storage.queue.AzureQueueClient
azurequeue.async=org.jclouds.azure.storage.queue.AzureQueueAsyncClient
azurequeue.propertiesbuilder=org.jclouds.azure.storage.AzureStoragePropertiesBuilder
azurequeue.endpoint=https://{identity}.queue.core.windows.net

azureblob.contextbuilder=org.jclouds.azure.storage.blob.AzureBlobContextBuilder
azureblob.propertiesbuilder=org.jclouds.azure.storage.AzureStoragePropertiesBuilder
azureblob.endpoint=https://{identity}.blob.core.windows.net

pcs.contextbuilder=org.jclouds.mezeo.pcs2.PCSCContextBuilder
pcs.apiVersion=unknown

sdn.contextbuilder=org.jclouds.nirvanix.sdn.SDNContextBuilder
sdn.propertiesbuilder=org.jclouds.nirvanix.sdn.SDNPropertiesBuilder

sqs.contextbuilder=org.jclouds.aws.sqs.SQSContextBuilder
sqs.propertiesbuilder=org.jclouds.aws.sqs.SQSPropertiesBuilder

elb.contextbuilder=org.jclouds.aws.elb.ELBContextBuilder
elb.propertiesbuilder=org.jclouds.aws.elb.ELBPropertiesBuilder

cloudwatch.contextbuilder=org.jclouds.aws.cloudwatch.CloudWatchContextBuilder
cloudwatch.propertiesbuilder=org.jclouds.aws.cloudwatch.CloudWatchPropertiesBuilder

s3.contextbuilder=org.jclouds.aws.s3.S3ContextBuilder
s3.propertiesbuilder=org.jclouds.aws.s3.S3PropertiesBuilder

ec2.contextbuilder=org.jclouds.aws.ec2.EC2ContextBuilder
ec2.propertiesbuilder=org.jclouds.aws.ec2.EC2PropertiesBuilder

rimuhosting.contextbuilder=org.jclouds.rimuhosting.miro.RimuHostingContextBuilder
rimuhosting.propertiesbuilder=org.jclouds.rimuhosting.miro.RimuHostingPropertiesBuilder

slicehost.contextbuilder=org.jclouds.slicehost.SlicehostContextBuilder
```

```
slicehost.propertiesbuilder=org.jclouds.slicehost.SlicehostPropertiesBuilder

trmk-vcloudexpress.contextbuilder=org.jclouds.vcloud.terremark.TerremarkVCloudExpressContextBuilder
trmk-vcloudexpress.propertiesbuilder=org.jclouds.vcloud.terremark.TerremarkVCloudExpressPropertiesBuilder

trmk-ecloud.contextbuilder=org.jclouds.vcloud.terremark.TerremarkECloudContextBuilder
trmk-ecloud.propertiesbuilder=org.jclouds.vcloud.terremark.TerremarkECloudPropertiesBuilder

chef.contextbuilder=org.jclouds.chef.ChefContextBuilder
chef.propertiesbuilder=org.jclouds.chef.ChefPropertiesBuilder

transientchef.contextbuilder=org.jclouds.chef.test.TransientChefContextBuilder
transientchef.propertiesbuilder=org.jclouds.chef.ChefPropertiesBuilder

opscodeplatform.contextbuilder=org.jclouds.opscodeplatform.OpscodePlatformContextBuilder
opscodeplatform.propertiesbuilder=org.jclouds.opscodeplatform.OpscodePlatformPropertiesBuilder

vcloud.contextbuilder=org.jclouds.vcloud.VCloudContextBuilder
vcloud.propertiesbuilder=org.jclouds.vcloud.VCloudPropertiesBuilder

vcloudexpress.contextbuilder=org.jclouds.vcloud.VCloudExpressContextBuilder
vcloudexpress.propertiesbuilder=org.jclouds.vcloud.VCloudExpressPropertiesBuilder

eucalyptus.contextbuilder=org.jclouds.aws.ec2.EC2ContextBuilder
eucalyptus.propertiesbuilder=org.jclouds.aws.ec2.EucalyptusPropertiesBuilder

nova.contextbuilder=org.jclouds.aws.ec2.EC2ContextBuilder
nova.propertiesbuilder=org.jclouds.aws.ec2.NovaPropertiesBuilder

cloudservers.contextbuilder=org.jclouds.rackspace.cloudservers.CloudServersContextBuilder
cloudservers.propertiesbuilder=org.jclouds.rackspace.RackspacePropertiesBuilder

bluelock-vcdirector.contextbuilder=org.jclouds.vcloud.bluelock.BlueLockVCloudDirectorContextBuilder
bluelock-vcdirector.propertiesbuilder=org.jclouds.vcloud.bluelock.BlueLockVCloudDirectorPropertiesBuilder

gogrid.propertiesbuilder=org.jclouds.gogrid.GoGridPropertiesBuilder
gogrid.contextbuilder=org.jclouds.gogrid.GoGridContextBuilder

ibmdev.propertiesbuilder=org.jclouds.ibmdev.IBMDeveloperCloudPropertiesBuilder
ibmdev.contextbuilder=org.jclouds.ibmdev.IBMDeveloperCloudContextBuilder

stub.propertiesbuilder=org.jclouds.compute.stub.StubComputeServicePropertiesBuilder
stub.contextbuilder=org.jclouds.compute.stub.StubComputeServiceContextBuilder
#
# example of where to change your endpoint
# bluelock.endpoint=https://express3.bluelock.com/api

atmosonline.contextbuilder=org.jclouds.atmosonline.saas.AtmosStorageContextBuilder
```

atmosonline.endpoint=https://accesspoint.atmosonline.com

atmosonline.apiversion=1.3.0

synaptic.contextbuilder=org.jclouds.atmosonline.saas.AtmosStorageContextBuilder

synaptic.endpoint=https://storage.synaptic.att.com

synaptic.apiversion=1.3.0

#

TODO peer1 and hosted solutions use atmos

cloudfiles.contextbuilder=org.jclouds.rackspace.cloudfiles.CloudFilesContextBuilder

cloudfiles.propertiesbuilder=org.jclouds.rackspace.cloudfiles.CloudFilesPropertiesBuilder

walrus.contextbuilder=org.jclouds.aws.s3.S3ContextBuilder

walrus.propertiesbuilder=org.jclouds.aws.s3.WalrusPropertiesBuilder

googlestorage.contextbuilder=org.jclouds.aws.s3.S3ContextBuilder

googlestorage.propertiesbuilder=org.jclouds.aws.s3.GoogleStoragePropertiesBuilder

transient.contextbuilder=org.jclouds.blobstore.TransientBlobStoreContextBuilder

transient.propertiesbuilder=org.jclouds.blobstore.TransientBlobStorePropertiesBuilder

filesystem.contextbuilder=org.jclouds.filesystem.FilesystemBlobStoreContextBuilder

filesystem.propertiesbuilder=org.jclouds.filesystem.FilesystemBlobStorePropertiesBuilder

Found

in path(s):

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/rest.properties.orig

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*/
```

Found in path(s):

```
*/opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/concurrent/DynamicThreadPoolExecutor.java
```

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```

Found in path(s):

```
*/opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/core.clj
```

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```
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```

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* =====
*/
// NOTE: The following source code is the iHarder.net public domain
/**
* Encodes and decodes to and from Base64 notation.
*
* <p>
* Change Log:
* </p>
* <ul>
* <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added
* some convenience methods for reading and writing to and from files.</li>
* <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems
* with other encodings (like EBCDIC).</li>
* <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the
* encoded data was a single byte.</li>
* <li>v2.0 - I got rid of methods that used booleans to set options.
* Now everything is more consolidated and cleaner. The code now detects
* when data that's being decoded is gzip-compressed and will decompress it
* automatically. Generally things are cleaner. You'll probably have to
* change some method calls that you were making to support the new
* options format (<tt>int</tt>s that you "OR" together).</li>
* <li>v1.5.1 - Fixed bug when decompressing and decoding to a
* byte[] using <tt>decode( String s, boolean gzipCompressed
* )</tt>.
* Added the ability to "suspend" encoding in the Output Stream so
* you can turn on and off the encoding if you need to embed base64
* data in an otherwise "normal" stream (like an XML file).</li>
* <li>v1.5 - Output stream pases on flush() command but doesn't do anything itself.
* This helps when using GZIP streams.
* Added the ability to GZip-compress objects before encoding them.</li>
* <li>v1.4 - Added helper methods to read/write files.</li>
* <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.</li>
* <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream
* where last buffer being read, if not completely full, was not returned.</li>
* <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
* <li>v1.3.3 - Fixed I/O streams which were totally messed up.</li>
* </ul>
*
* <p>
* I am placing this code in the Public Domain. Do with
* it as you will.
* This software comes with no guarantees or warranties but with
* plenty of well-wishing instead!
* Please visit <a href="http://iharder.net/base64">http://iharder.net/base64</a>

```

\* periodically to check for updates or to contribute improvements.  
\* </p>  
\*  
\* @author Robert Harder  
\* @author rob@iharder.net  
\* @version 2.1  
\*/

Found in path(s):

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/encryption/internal/Base64.java

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 * limitations under the License.
 * =====
 */
```

Found in path(s):

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/config/ConfiguresHttpCommandExecutorService.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/lifecycle/Closer.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/io/PayloadEnclosing.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/HttpCommandExecutorService.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/domain/Credentials.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/functions/ParseURIFromListOrLocationHeaderIf20x.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/annotations/Unwrap.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/InvocationContext.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/lifecycle/LifeCycle.java

\*

/opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/com/google/gson/ExposedEscaper.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/RestContextBuilder.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/functions/UnwrapOnlyJsonValue.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/options/GetOptions.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/net/oauth/signature/pem/PKCS1EncodedPublicKeySpec.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/RestContext.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/internal/PayloadEnclosingImpl.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/annotation/Redirection.java

\*

/opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/TransformingHttpCommandImpl.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/internal/SignatureWire.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/logging/jdk/config/JDKLoggingModule.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/annotations/RequestFilters.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/annotations/MapPayloadParam.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/RequiresHttp.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/internal/RestAnnotationProcessor.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/annotations/ApiVersion.java

\*

/opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/functions/ExceptionToValueOrPropagate.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/ResourceNotFoundException.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/logging/config/ConsoleLoggingModule.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/AsyncClientFactory.java

\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-

```

jar/org/jclouds/logging/BaseLogger.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/handlers/DelegatingErrorHandler.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/encryption/internal/JCECrypto.java
*
/opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/options/HttpRequestOptions.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/functions/ReturnInputStream.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/rest/annotations/XMLResponseParser.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/rest/annotations/Delegate.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/Constants.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/predicates/validators/DnsNameValidator.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/HttpMessage.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/rest/HttpClient.java
*
/opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/crypto/Crypto.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/rest/annotations/ParamParser.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/internal/BaseHttpCommandExecutorService.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/annotation/ServerError.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/HttpUtils.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/rest/annotations/BinderParam.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/HttpRequestFilter.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/functions/ParseJson.java
*
/opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/concurrent/Timeout.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/functions/ReturnFalseOn404.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/rest/binders/BindMapToMatrixParams.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/io/payloads/BaseImmutableContentMetadata.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-

```

jar/org/jclouds/http/pool/PoolConstants.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-  
 jar/org/jclouds/logging/config/NullLoggingModule.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-  
 jar/org/jclouds/json/internal/GsonWrapper.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-  
 jar/org/jclouds/domain/JsonBall.java  
 \*  
 /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-  
 jar/org/jclouds/domain/LocationScope.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-  
 jar/org/jclouds/lifecycle/BaseLifeCycle.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-  
 jar/org/jclouds/rest/InputParamValidator.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/util/Patterns.java  
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\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/domain/ResourceMetadata.java  
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 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/functions/ReturnTrueOn404.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/config/SSLModule.java  
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* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
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jar/org/jclouds/http/HttpErrorHandler.java
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jar/org/jclouds/rest/functions/ReturnFalseOnNotFoundOr404.java
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* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
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jar/org/jclouds/rest/binders/BindAsHostPrefix.java
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/opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
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* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
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jar/org/jclouds/rest/annotations/ParamValidators.java

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\* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/Binder.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/config/JavaUrlHttpCommandExecutorServiceModule.java  
 \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/http/HttpRequest.java  
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- \* /opt/cola/permits/1263826833\_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/io/payloads/BasePayload.java
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* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/rest/annotations/EndpointParam.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/date/DateService.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/handlers/CloseContentAndSetExceptionHandler.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/rest/annotations/Identity.java
*
/opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/crypto/CryptoStreams.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/internal/ClassMethodArgs.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/io/ContentMetadata.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/io/payloads/FilePayload.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/http/TransformingHttpCommandExecutorServiceImpl.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-
jar/org/jclouds/concurrent/internal/SyncProxy.java
* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/org/jclouds/rest/Utils.java
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```

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```

Found in path(s):

```

* /opt/cola/permits/1263826833_1643714810.64/0/jclouds-core-1-0-beta-7-sources-jar/rest.properties

```

## 1.222 jclouds-jsch 1.0-beta-7

### 1.222.1 Available under license :

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```

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* =====
*/

```

Found in path(s):

```

* /opt/cola/permits/1263826744_1643714826.11/0/jclouds-jsch-1-0-beta-7-sources-
jar/org/jclouds/ssh/jsch/config/JschSshClientModule.java
*
* /opt/cola/permits/1263826744_1643714826.11/0/jclouds-jsch-1-0-beta-7-sources-
jar/org/jclouds/ssh/jsch/JschSshClient.java
* /opt/cola/permits/1263826744_1643714826.11/0/jclouds-jsch-1-0-beta-7-sources-
jar/org/jclouds/ssh/jsch/predicates/InetSocketAddressConnect.java

```

## 1.223 jclouds-compute 1.0-beta-7

### 1.223.1 Available under license :

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* =====
*/

```

Found in path(s):

```

* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/ListLoadBalancersStrategy.java

```

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 * =====
 */
```

Found in path(s):

```
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/os/CIMOperatingSystem.java
*
/opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/DestroyLoadBalancerStrategy.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/config/BaseComputeServiceContextModule.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/ssh/SshClient.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/ComputeServiceContextBuilder.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/internal/HardwareImpl.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/predicates/NodePredicates.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/RunNodesException.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/internal/ComputeServiceContextImpl.java
*
/opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/ssh/ConfiguresSshClient.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/internal/VolumeImpl.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/predicates/ScriptStatusReturnsZero.java
```

\* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/ComputeServiceContext.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/domain/internal/ImageImpl.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/domain/LoginType.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/predicates/NodeRunning.java  
 \*  
 /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/domain/OsFamily.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/domain/Volume.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/domain/internal/TemplateBuilderImpl.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/internal/BaseLoadBalancerService.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/stub/StubComputeServicePropertiesBuilder.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/domain/internal/ComputeMetadataImpl.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/predicates/ImagePredicates.java  
 \*  
 /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/strategy/LoadBalanceNodesStrategy.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/stub/StubComputeServiceContextBuilder.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/ComputeServiceContextFactory.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/Utils.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/LoadBalancerService.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/config/ResolvesImages.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/strategy/impl/EncodeTagIntoNameRunNodesAndAddToSetStrategy.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/strategy/DestroyNodeStrategy.java  
 \*  
 /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/domain/NodeState.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/internal/UtilsImpl.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute/predicates/OperatingSystemPredicates.java  
 \* /opt/cola/permits/1263826773\_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-

```

jar/org/jclouds/compute/reference/ComputeServiceConstants.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/OperatingSystem.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/internal/BaseComputeService.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/NodeMetadata.java
*
/opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/RebootNodeStrategy.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/ComputeService.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/Hardware.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/AddNodeWithTagStrategy.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/callables/RunScriptOnNode.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/internal/NodeMetadataImpl.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/RunScriptOnNodesException.java
*
/opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/Image.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/util/ComputeUtils.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/options/RunScriptOptions.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/stub/config/StubComputeServiceClientModule.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/config/ComputeServiceTimeoutsModule.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/Processor.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/ComputeType.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/options/TemplateOptions.java
*
/opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/internal/TemplateImpl.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/ComputeMetadata.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/Template.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/callables/AuthorizeRSAPublicKey.java

```



```

* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/ssh/SshException.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/PopulateDefaultLoginCredentialsForImageStrategy.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/impl/ReturnNullCredentials.java
*
/opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/ListNodesStrategy.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/RunNodesAndAddToSetStrategy.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/callables/InstallRSAPrivateKey.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/domain/TemplateBuilder.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/ssh/ExecResponse.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/stub/config/StubComputeServiceContextModule.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/strategy/GetNodeMetadataStrategy.java
*
/opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/predicates/NodeTerminated.java
* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-
jar/org/jclouds/compute/util/ComputeServiceUtils.java
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```

Found in path(s):

```

* /opt/cola/permits/1263826773_1643714798.9/0/jclouds-compute-1-0-beta-7-sources-jar/org/jclouds/compute.clj

```

## 1.224 jclouds-scriptbuilder 1.0-SNAPSHOT

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```

/*

```

```

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\*/

/\*

Sha512Crypt.java

Created: 18 December 2007

Last Changed By: \$Author: broccol \$

Version: \$Revision: 7692 \$

Last

Mod Date: \$Date: 2007-12-30 01:55:31 -0600 (Sun, 30 Dec 2007) \$

Java Port By: James Ratcliff, falazar@arlut.utexas.edu

This class implements the new generation, scalable, SHA512-based  
Unix 'crypt' algorithm developed by a group of engineers from Red  
Hat, Sun, IBM, and HP for common use in the Unix and Linux  
/etc/shadow files.

The Linux glibc library (starting at version 2.7) includes support  
for validating passwords hashed using this algorithm.

The algorithm itself was released into the Public Domain by Ulrich  
Drepper <drepper@redhat.com>. A discussion of the rationale and  
development of this algorithm is at

<http://people.redhat.com/drepper/sha-crypt.html>

and the specification and a sample C language implementation is at

<http://people.redhat.com/drepper/SHA-crypt.txt>

This Java Port is

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```
*/
/**
 * This class defines a method,
 * { @link Sha512Crypt#Sha512_crypt(java.lang.String, java.lang.String, int)
 * Sha512_crypt()}, which takes a password and a salt string and generates a
 * Sha512 encrypted password entry.
 *
 * This class implements the new generation, scalable, SHA512-based Unix 'crypt'
 * algorithm developed by a group of engineers from Red Hat, Sun, IBM, and HP
 * for common use in the Unix and Linux /etc/shadow files.
 *
 * The Linux glibc library (starting at version
 * 2.7) includes support for
 * validating passwords hashed using this algorithm.
 *
 * The algorithm itself was released into the Public Domain by Ulrich Drepper
 * &lt;drepper@redhat.com&gt;. A discussion of the rationale and development of
 * this algorithm is at
 *
 * http://people.redhat.com/drepper/sha-crypt.html
 *
 * and the specification and a sample C language implementation is at
 *
 * http://people.redhat.com/drepper/SHA-crypt.txt
 */
```

Found in path(s):

```
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/compute/src/main/java/org/jclouds/compute/functions/Sha512Crypt.java
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```

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Found in path(s):

- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/pom.xml
- \*
- /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-clouddns-us/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/filesystem/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/resources/logback.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-clouddatabases-us/src/test/resources/logback.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/pom.xml
- \*
- /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudnetworks-us/src/test/resources/logback.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/enterprise/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-mmia/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudfiles-us/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-cloudwatch/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova-ec2/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/common/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/test/resources/logback.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/all/pom.xml
- \*
- /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-dal-a/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/allblobstore/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-lon-b/pom.xml
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/pom.xml

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-lax-p/pom.xml

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-hkg-e/pom.xml

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/pom.xml

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/test/resources/logback-test.xml

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudloadbalancers-us/pom.xml

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/resources/checkstyle-suppressions.xml

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudblockstorage-us/pom.xml

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/skeletons/pom.xml

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/byon/pom.xml

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudfiles-uk/src/test/resources/logback.xml

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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/pom.xml  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-route53/pom.xml  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-sjc-c/pom.xml  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/log4j/pom.xml  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudfiles-us/src/test/resources/logback.xml

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master/scriptbuilder/src/main/resources/functions/abort.sh
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/installRuby.sh
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/findPid.sh
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/sourceEnvFile.sh
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/installOpenJDK.sh
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/.travis.yml
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/validateEnvFile.sh
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/installGit.sh
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/docker/src/test/resources/Dockerfile
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/forget.sh
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/installJDKFromURL.sh
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/setupPublicCurl.sh
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/test/resources/test_ebs.sh
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master/scriptbuilder/src/main/resources/functions/findPid.cmd
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/forget.cmd
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/sourceEnvFile.cmd
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
```

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master/scriptbuilder/src/main/resources/functions/nextMinute.cmd
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/validateEnvFile.cmd
*
```

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/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/abort.cmd
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/scriptbuilder/src/main/resources/functions/stop.cmd
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master/apis/byon/src/test/resources/test1.yaml
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/byon/src/test/resources/test_location.yaml
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/core/src/test/resources/META-INF/maven/org.apache.jclouds/jclouds-core/pom.properties
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/byon/src/test/resources/test_with_url.yaml
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/filesystem/src/test/resources/logging.properties
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FROM scratch

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/resources/SimpleDockerfile

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Found in path(s):

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/test/resources/errorpage.html

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jclouds

=====

Apache jclouds is an open source multi-cloud toolkit for the Java platform that gives you the freedom to create applications that are portable across clouds while giving you full control to use cloud-specific features.

This repository is archived. Please see [apache/jclouds](https://github.com/apache/jclouds).

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* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-
cloudservers-us/src/test/java/org/jclouds/rackspace/cloudservers/us/CloudServersUSProviderTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-
cloudservers-uk/src/test/java/org/jclouds/rackspace/cloudservers/uk/CloudServersUKProviderTest.java
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- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/atmos/src/main/java/org/jclouds/atmos/binders/BindUserMetadataToHeaders.java
- \*
- /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/compute/config/AzureComputeServiceContextModule.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/StorageService.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/blobstore/functions/ContainerToResourceMetadata.java
- java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/VolumeAttachment.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/test/java/org/jclouds/googlecloudstorage/features/ObjectApiLiveTest.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/test/java/org/jclouds/sqs/options/ListQueuesOptionsTest.java
- \*
- /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v2\_0/domain/Access.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/functions/internal/GleSYSTypeAdapters.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/ovf/NetworkSection.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/OSProfile.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/DescribeSecurityGroupsResponseHandler.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/domain/SQSConstants.java
- \*
- /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/callables/InitScriptConfigurationForTasks.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/functions/GroupToBootScriptTest.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/parse/GetResourceRecordsOfResourceRecordResponseTest.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/NetworkSegment.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/binders/GroupNameTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/JcloudsVersion.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/functions/DefaultCredentialsFromImageOrOverridingCredentials.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/route53/src/test/java/org/jclouds/route53/handlers/Route53ErrorHandlerTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v3/domain/Token.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/extensions/QuotaApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/CreateNetworkOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/functions/ListOfKeyValuesDelimitedByBlankLinesToDriveInfoSet.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/fallbacks/PropagateIfRetryAfter.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/oauth/src/test/java/org/jclouds/oauth/v2/config/PrivateKeySupplierTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/xml/internal/JAXBParser.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/test/testng/UnitTestMethodStatusListener.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/test/java/org/jclouds/openstack/swift/v1/blobstore/RegionScopedBlobStoreContextLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/common/openstack/src/test/java/org/jclouds/openstack/options/BaseListOptionsTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/location/Iso3166.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/compute/functions/ResourcesMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/domain/ListMultipartUploadResponse.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/DescribeSubnetsResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/packet/src/main/java/org/jclouds/packet/config/PacketComputeParserModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/xml/DimensionHandler.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/features/ImageApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/domain/ObjectMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/main/java/org/jclouds/rackspace/clouddns/v1/CloudDNSExceptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/http/functions/ParseFirstJsonValueNamedTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/compute/functions/Resources.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudservers-us/src/test/java/org/jclouds/rackspace/cloudservers/us/features/CloudServersUSFlavorApiLiveTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/test/java/org/jclouds/googlecloudstorage/internal/BaseGoogleCloudStorageApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/catalog/functions/InternalURL.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/byon/src/main/java/org/jclouds/byon/config/CacheNodeStoreModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/features/LocalNetworkGatewayApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/compute/GoogleComputeEngineServiceLiveTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/binders/BindAccountSecurityGroupPairsToIndexedQueryParams.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/VirtualMachineApiTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/xml/PartIdsFromHttpResponseTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-cinder/src/main/java/org/jclouds/openstack/cinder/v1/domain/ZoneState.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/test/java/org/jclouds/dynect/v3/parse/GetAAAARecordResponseTest.java

\*

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/domain/VolumeBuilderTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/suppliers/WellKnownImageSupplier.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/ProfitBricksProviderMetadataTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/internal/ImageTemplateImpl.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/test/java/org/jclouds/googlecloudstorage/features/BucketAccessControlsApiLiveTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/features/FirewallApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/domain/RDSConstants.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListZonesOptionsTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/location/functions/RegionToEndpointOrProviderIfExists.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/compute/loaders/CreateSecurityGroupIfExists.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/test/java/org/jclouds/googlecloudstorage/parse/ParseGoogleCloudStorageObject.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/options/CreateServerOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/java/org/jclouds/docker/parse/NetworkParseTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/Certificate.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/test/java/org/jclouds/gogrid/features/GridLoadBalancerApiTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/test/java/org/jclouds/elasticstack/functions/MapToDriveInfoTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/features/LocationApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sts/src/test/java/org/jclouds/sts/internal/BaseSTSApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/options/SaveAlarmOptions.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/util/BlobUtils.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/test/java/org/jclouds/softlayer/parse/VirtualGuestBlockDeviceTemplateGroupParseTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/HostAdministrationApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/util/ChefUtilsTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-



arm/src/main/java/org/jclouds/azurecompute/arm/compute/options/IpOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/DeleteTemplateOptions.java  
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 master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/http/parser/loadbalancer/LoadBalancerIdOnlyRes  
 ponseHandlerTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 swift/src/main/java/org/jclouds/openstack/swift/v1/domain/ExtractArchiveResponse.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/gogrid/src/main/java/org/jclouds/gogrid/GoGridApiMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/packet/src/main/java/org/jclouds/packet/domain/SshKey.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/azureblob/src/main/java/org/jclouds/azureblob/predicates/validators/ContainerNameValidator.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/softlayer/src/test/java/org/jclouds/softlayer/compute/functions/VirtualGuestToNodeMetadataTest.j  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-  
 arm/src/main/java/org/jclouds/azurecompute/arm/domain/VaultProperties.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-  
 engine/src/main/java/org/jclouds/googlecomputeengine/GoogleComputeEngineFallbacks.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-  
 arm/src/main/java/org/jclouds/azurecompute/arm/features/PublicIPAddressApi.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/binder/storage/ConnectStorageToServerRequest  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/oauth/src/main/java/org/jclouds/oauth/v2/config/Authorization.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/compute/src/main/java/org/jclouds/compute/strategy/impl/AdaptingComputeServiceStrategies.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-  
 storage/src/main/java/org/jclouds/googlecloudstorage/blobstore/functions/ObjectListToStorageMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/ec2/src/main/java/org/jclouds/ec2/compute/strategy/EC2RebootNodeStrategy.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/docker/src/main/java/org/jclouds/docker/features/NetworkApi.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/elasticstack/src/test/java/org/jclouds/elasticstack/functions/ListOfMapsToListOfKeyValuesDelimitedBy  
 BlankLinesTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/apis/sts/src/main/java/org/jclouds/aws/xml/SessionCredentialsHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/strategy/DeleteDirectoryStrategy.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/rackspace-clouddns/src/test/java/org/jclouds/rackspace/clouddns/v1/features/ReverseDNSApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/handlers/GleSYSErrorHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/ListVirtualMachinesOptions.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/SubnetsToPagedIterable.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/GoGridProviderMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/functions/ParseImageIdFromLocationHeader.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/compute/src/test/java/org/jclouds/compute/strategy/CustomizeNodeAndAddToGoodMapOrPutExceptionIntoBadMapTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/ListOSTypesOptions.java  
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 zip/jclouds-master/core/src/test/java/org/jclouds/date/internal/SimpleDateFormatDateServiceTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/domain/Attachment.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/dynect/src/test/java/org/jclouds/dynect/v3/features/RecordApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/options/AddServerOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/route53/src/main/java/org/jclouds/route53/xml/ChangeHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-trove/src/main/java/org/jclouds/openstack/trouve/v1/binders/BindCreateInstanceToJson.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/rackspace-cloudnetworks-uk/src/main/java/org/jclouds/rackspace/cloudnetworks/uk/CloudNetworksUKProviderMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/sts/src/main/java/org/jclouds/aws/AWSResponseException.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/ssh/DSAKeysTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/predicates/DriveClaimed.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/nic/NicResponseHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/DomainAccountApiLiveTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/domain/Metadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/functions/ClientForGroupTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/reference/GleSYSConstants.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/common/openstack/src/main/java/org/jclouds/openstack/reference/AuthHeaders.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudservers-us/src/test/java/org/jclouds/rackspace/cloudservers/us/compute/extensions/CloudServersUSVolumeAttachmentExtensionLiveTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/functions/ReleasePayloadAndReturn.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudnetworks-us/src/test/java/org/jclouds/rackspace/cloudnetworks/us/CloudNetworksUSPortApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/reference/S3Constants.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/predicates/DirectionalPoolPredicatesTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/handlers/InvalidateSessionAndRetryOn401AndLogoutOnClose.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/compute/function/StorageToVolume.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/apis/ApiMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/functions/ExpandProperties.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/test/java/org/jclouds/openstack/swift/v1/features/BulkApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/test/java/org/jclouds/glesys/features/IpApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-cinder/src/test/java/org/jclouds/openstack/cinder/v1/internal/BaseCinderApiLiveTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/binders/BindBundleIdsToIndexedFormParams.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/VMGroupApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/packet/src/test/java/org/jclouds/packet/compute/PackageComputeProviderMetadataTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/java/org/jclouds/docker/features/ImageApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/GlobalDomainApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/main/java/org/jclouds/ultradns/ws/UltraDNSWSResponseException.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova-ec2/src/test/java/org/jclouds/openstack/nova/ec2/features/NovaEC2AMIAPiLiveTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/config/SQSHttpApiModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/binders/BindPartIdsAndETagsToRequestTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/config/ChefBootstrapModule.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/callables/BlockUntilInitScriptStatusIsZeroThenReturnOutput.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/DynECTApiMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/functions/MapToNICs.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/features/SecurityGroupApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/options/UrlMapOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/util/AutomaticHardwareIdSpec.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/features/GridServerApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/parse/GetDirectionalPoolsByZoneResponseTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudservers-uk/src/test/java/org/jclouds/rackspace/cloudservers/uk/compute/CloudServersUKTemplateBuilderLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/functions/BaseDriveToMap.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/features/SessionApi.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/annotations/Api.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/features/RegionApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/DescribeInstancesResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/xml/AttributesHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/oauth/src/test/java/org/jclouds/oauth/v2/AuthorizationApiMockTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/test/java/org/jclouds/azurecompute/arm/features/VirtualNetworkGatewayConnectionApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/main/java/org/jclouds/openstack/swift/v1/blobstore/config/SwiftBlobStoreContextModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudnetworks-us/src/test/java/org/jclouds/rackspace/cloudnetworks/us/CloudNetworksUSNetworkApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/CreateDiskOfferingOptions.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v3/auth/V3AuthenticationApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/parse/ParseServerDetailsEssexTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/AddClusterOptionsTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/compute/functions/SizeToHardwareTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/test/java/org/jclouds/elasticstack/functions/MapToStandardDriveTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/DescribeVolumesResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/compute/suppliers/CallForImages.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v2\_0/auth/V2AuthenticationApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/test/java/org/jclouds/gogrid/features/GridIpApiTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/SessionApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sts/src/main/java/org/jclouds/sts/domain/User.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/handlers/InvalidateSessionAndRetryOn401AndLogoutOnCloseTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/functions/ParseLoadBalancer.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/http/handlers/RateLimitRetryHandlerTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/GuestOSApi.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/main/java/org/jclouds/ultradns/ws/internal/TrafficControllerPoolRecordTypeToString.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/main/java/org/jclouds/googlecloudstorage/domain/ResumableUpload.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/Statements.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/functions/ParseErrorFromJsonOrResponseBody.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/internal/BaseUltraDNSWSExpectTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/features/DiskApi.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/test/java/org/jclouds/sqs/features/QueueApiExpectTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/features/FlavorApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseTargetHttpProxyTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/functions/ParseBlobFromHeadersAndHttpContent.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/compute/config/AWSEC2BindComputeSuppliersByClass.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/binders/BindVirtualIpPortPairToQueryParams.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/common/openstack/src/main/java/org/jclouds/openstack/services/ServiceType.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/ImageProperties.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/functions/ETagFromHttpResponseViaRegex.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v3/features/ProjectApi.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/ListDomainChildrenOptions.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseSnapshotListTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/functions/AssignCorrectHostnameForBucket.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseInstanceListTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/test/java/org/jclouds/glesys/compute/GleSYSExperimentLiveTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/internal/BaseToIteratorOfListPage.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/SoftLayerProviderMetadata.java  
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 uk/src/test/java/org/jclouds/rackspace/clouddns/uk/features/CloudDNSUKProviderTest.java  
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 master/providers/dynect/src/main/java/org/jclouds/dynect/v3/domain/rdata/AData.java  
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 master/apis/chef/src/main/java/org/jclouds/chef/predicates/CookbookVersionPredicates.java  
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 e/src/test/java/org/jclouds/elastichosts/ElasticHostsAmsterdamApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 keystone/src/main/java/org/jclouds/openstack/v2\_0/domain/RateLimit.java  
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 master/compute/src/test/java/org/jclouds/ssh/SshKeysTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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 arm/src/main/java/org/jclouds/azurecompute/arm/domain/VirtualMachineScaleSetNetworkSecurityGroup.java  
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 master/apis/sts/src/test/java/org/jclouds/sts/options/AssumeRoleOptionsTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-  
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 uk/src/test/java/org/jclouds/rackspace/cloudfiles/uk/blobstore/integration/CloudFilesUKContainerLiveTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azure/storage/filters/SharedKeyLiteAuthentication.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudfiles-us/src/test/java/org/jclouds/rackspace/cloudfiles/us/features/CloudFilesUSDynamicLargeObjectApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/compute/function/ServerToNodeMetadataTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-sjc-c/src/test/java/org/jclouds/elastichosts/compute/ElasticHostsSanJoseComputeServiceLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/UltraDNSWSApiLiveTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/Network.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/providers/dynect/src/test/java/org/jclouds/dynect/v3/features/ZoneApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v2\_0/domain/ApiMetadata.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/Routers.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/main/java/org/jclouds/openstack/truve/v1/config/TroveHttpApiModule.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-



master/apis/sqs/src/test/java/org/jclouds/sqs/SQSTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/features/PlacementGroupApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/functions/LinkToListOptionsTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/compute/strategy/EC2GetNodeMetadataStrategy.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/elasticstack/src/test/java/org/jclouds/elasticstack/functions/ServerToMapTest.java  
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 zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/image/ImageListResponseHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/options/DescribeSnapshotsOptionsTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-cinder/src/main/java/org/jclouds/openstack/cinder/v1/domain/SnapshotExtendedAttributes.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudwatch/src/test/java/org/jclouds/cloudwatch/features/AlarmApiExpectTest.java  
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 zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/domain/Drive.java  
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 zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/xml/KeyPairResponseHandlerTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/features/ImageApiMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/compute/functions/VirtualGuestToImage.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/xml/BlockDeviceMappingHandlerTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/test/java/org/jclouds/gogrid/functions/ParseJobsFromJsonResponseTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/test/java/org/jclouds/googlecloudstorage/parse/FullBucketGetTest.java

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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-route53/src/test/java/org/jclouds/aws/route53/AWSRoute53ProviderTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/functions/ImportOrReturnExistingKeypair.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/providers/internal/UpdateProviderMetadataFromProperties.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/handlers/DigitalOcean2RateLimitRetryHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/ovf/Property.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/rest/annotationparsing/DelegateAnnotationExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/concurrent/config/ExecutorServiceModuleTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/NetworkOfferingAvailabilityType.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/packet/src/main/java/org/jclouds/packet/domain/OperatingSystem.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/binders/BindAsHostPrefixIfConfiguredNoPathTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/functions/GroupNamingConvention.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/jsch/src/main/java/org/jclouds/ssh/jsch/config/JschSshClientModule.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/test/java/org/jclouds/azurecompute/arm/features/VirtualNetworkApiLiveTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/main/java/org/jclouds/googlecloudstorage/options/DeleteObjectOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/main/java/org/jclouds/googlecloudstorage/options/ListObjectOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/features/ImageApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/features/NicApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/domain/DropletCreate.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/http/parser/image/ImageInfoResponseHandlerTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-s3/src/test/java/org/jclouds/aws/s3/blobstore/AWSS3BlobSignerV4ExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/FrontendIPConfigurationsProperties.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/binders/TargetPoolAddInstanceBinderTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/auth/suppliers/RegionIdToURIFromAccessForTypeAndVersionTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/attr/BlobCapability.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/domain/MonitoringState.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/compute/extensions/NovaSecurityGroupExtensionLiveTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/parse/ListNetworksResponseTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/xml/DescribeImagesResponseHandlerTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/collect/PagedIterables.java

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master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/Statement.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/test/java/org/jclouds/azureblob/blobstore/integration/AzureBlobSignerLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/main/java/org/jclouds/openstack/trove/v1/features/InstanceApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/test/java/org/jclouds/openstack/neutron/v2/extensions/FWaaSApiMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-cloudwatch/src/test/java/org/jclouds/aws/cloudwatch/AWSCloudWatchProviderTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/lbaas/v1/VIPs.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/test/java/org/jclouds/scriptbuilder/statements/chef/InstallChefUsingOmnibusTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/SSHKeyPairApi.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/parse/UltraWSEceptionTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseUrlMapListTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/reflect/Reflection2Test.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/atmos/src/test/java/org/jclouds/atmos/xml/ListDirectoryResponseHandlerTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/java/org/jclouds/docker/features/NetworkApiLiveTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/b2/src/main/java/org/jclouds/b2/domain/B2Error.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/events/InitScriptOnNodeSubmission.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/domain/VirtualIPWithId.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/blobstore/config/S3BlobStoreContextModule.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/regionscoped/AvailabilityZoneDetails.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/compute/strategy/CleanupResources.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/xml/DescribeReservedInstancesOfferingResponseHandlerTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/EC2Fallbacks.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/domain/BlockDevice.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/UpdateISOPermissionsOptions.java

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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/filters/RequestAuthorizeSignature.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/domain/SNSConstants.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/osgi/ApiRegistry.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/test/java/org/jclouds/elasticstack/functions/CreateDriveRequestToMapTest.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/main/java/org/jclouds/rackspace/clouddns/v1/domain/CreateDomain.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/location/reference/LocationConstants.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/ResourceDefinition.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/concurrent/config/ExecutorServiceModule.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudfiles-uk/src/test/java/org/jclouds/rackspace/cloudfiles/uk/features/CloudFilesUKDynamicLargeObjectApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/GlobalAlertApiTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/statements/git/CloneGitRepo.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sts/src/test/java/org/jclouds/aws/filters/FormSignerV4Test.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/parsing/ParseXVPVNCCConsoleTest.java  
\*  
/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/ServerWithSecurityGroupsApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/internal/UtilsImpl.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/reference/GoGridHeaders.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/xml/AssociateRouteTableResponseHandler.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/ListEgressFirewallRulesOptions.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/functions/ObjectMetadataKey.java  
\*  
/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/predicates/VirtualMachineRunning.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/main/java/org/jclouds/ultradns/ws/domain/ResourceRecordDetail.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/domain/Key.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-miami/src/main/java/org/jclouds/elastichosts/ElasticHostsMiamiMetadata.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/features/TrafficControllerPoolApiExpectTest.java



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* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/binder/storage/UpdateStorageRequestBinder.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/features/GridIpApi.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/DescribeAddressesResponseHandler.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/domain/internal/NetworkVlan.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/binders/BindInternetGatewayIdsToIndexedFormParams.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/options/BackendServiceOptions.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/ISOPermissions.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/drivers/jsch/src/test/java/org/jclouds/ssh/jsch/config/JschSshClientModuleTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/apis/atmos/src/main/java/org/jclouds/atmos/options/ListOptions.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/google-cloud-storage/src/test/java/org/jclouds/googlecloudstorage/internal/BaseGoogleCloudStorageParseTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/rackspace-cloudservers-uk/src/test/java/org/jclouds/rackspace/cloudservers/uk/features/CloudServersUKImageApiLiveTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/predicates/ServerLatestJobCompleted.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/core/src/main/java/org/jclouds/location/predicates/ZoneIdFilter.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/CloudWatchApi.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/ultradns-ws/src/main/java/org/jclouds/ultradns/ws/xml/DirectionalPoolRecordDetailListHandler.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/scriptbuilder/src/test/java/org/jclouds/scriptbuilder/domain/CreateRunScriptTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/core/src/test/java/org/jclouds/proxy/ProxyForURITest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/lbaas/v1/PoolStatus.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/util/internal/BlobUtilsImpl.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/License.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-  

zip/jclouds-master/core/src/main/java/org/jclouds/rest/annotations/PATCH.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/blobstore/S3BlobRequestSigner.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sts/src/test/java/org/jclouds/aws/xml/SessionCredentialsHandlerTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/binders/GetMetricStatisticsBinder.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-s3/src/main/java/org/jclouds/aws/s3/blobstore/options/AWSS3PutOptions.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/oauth/src/main/java/org/jclouds/oauth/v2/domain/ClientCredentialsAuthArgs.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/predicates/PublicIPAddressPredicates.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/options/CreateBackupOfServerOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/domain/EmailOverviewSummary.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/compute/functions/ServerDetailsToNodeMetadata.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/suppliers/ChefVersionSupplier.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/HostResourceUsage.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/strategy/impl/ReturnCredentialsBoundToImage.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/features/AWSAMIApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/lifecycle/BaseLifecycle.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/functions/OverLimitParser.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/functions/ReuseOrAssociateNewPublicIPAddressTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/reference/S3Headers.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/test/java/org/jclouds/azurecompute/arm/features/NetworkSecurityGroupApiMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/packet/src/main/java/org/jclouds/packet/features/OperatingSystemApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/ovf/VirtualSystem.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/main/java/org/jclouds/rackspace/clouddns/v1/binders/FormatAndContentsToJSON.java  
 \*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/binders/ForwardingRuleCreationBinderTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseGlobalForwardingRuleTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/strategy/ResumeNodeStrategy.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/domain/ServerImageState.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/blobstore/functions/LocationFromBucketName.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v2\_0/KeystoneApi.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/Snapshot.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/b2/src/test/java/org/jclouds/b2/features/BucketApiMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/GlobalVlanApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/compute/config/ActionDonePredicateTest.java  
 a  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseGlobalForwardingRuleListTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/internal/BaseS3ClientTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/functionloader/filters/LicenseHeaderFilter.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/common/openstack/src/test/java/org/jclouds/openstack/functions/ParseAuthenticationResponseFromHeadersTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/ChefApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/config/LocalBlobStore.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/providers/JcloudsTestComputeProviderMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/binders/HttpHealthCheckCreationBinderTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/main/java/org/jclouds/docker/options/RemoveContainerOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/ExtensionProperties.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/compute/strategy/EC2PopulateDefaultLoginCredentialsForImageStrategy.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/features/ImageApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/features/AWSKeyPairApiLiveTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/domain/internal/MutableBlobPropertiesImpl.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudfiles-us/src/test/java/org/jclouds/rackspace/cloudfiles/us/blobstore/integration/CloudFilesUSBlobIntegrationParallelLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/ovf/xml/internal/BaseVirtualSystemHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/json/internal/NullHackJsonLiteralAdapter.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/internal/SignatureWire.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/location/suppliers/all/ZoneToProvider.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/ssh/ECDSAKeysTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/functions/StatusCodeParser.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/strategy/CleanupStaleNodesAndClients.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/test/java/org/jclouds/cloudwatch/options/ListAlarmsForMetricTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/UpdatePodOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/ovf/Configuration.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/functions/UnwrapOnlyJsonValueInSet.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/internal/DelegatesToInvocationFunction.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudfiles/src/main/java/org/jclouds/rackspace/cloudfiles/v1/features/CDNApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/config/ConfiguresHttpCommandExecutorService.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v3/internal/BaseV3KeystoneApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/binder/nic/CreateNicRequestBinder.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/strategy/internal/DeleteAllKeysInList.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/attr/BlobCapabilities.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v3/features/AuthApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/domain/Permission.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/json/internal/NamingStrategies.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/features/DropletApiMockTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/FloatingIPsToPagedIterable.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseTargetInstanceListTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/parse/ParseComputeServiceTypicalSecurityGroupTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/features/GlobalForwardingRuleApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/util/SubnetFilterBuilder.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudfiles/src/test/java/org/jclouds/rackspace/cloudfiles/v1/blobstore/integration/CloudFilesContainerLiveTest.java

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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/b2/src/main/java/org/jclouds/b2/domain/B2ObjectList.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/PermissionOperation.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/server/ServerIdOnlyResponseHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/options/HttpHealthCheckCreationOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/compute/ElasticStackComputeServiceAdapter.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/binders/BindIterableAsPayloadToDeleteRequest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/config/DynECTHttpApiModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v2\_0/binders/BindAuthToJsonPayload.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/UpdatePodOptionsTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/compute/NovaWithNeutronComputeServiceLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/test/java/org/jclouds/blobstore/functions/ResourceMetadataToRelativePathResourceMetadataTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/auth/suppliers/LocationIdToURIFromAccessForTypeAndVersionTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/test/java/org/jclouds/elasticstack/functions/ListOfKeyValuesDelimitedByBlankLinesToDriveInfoSetTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/packet/src/main/java/org/jclouds/packet/features/FacilityApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/domain/ProvisioningState.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/test/java/org/jclouds/openstack/neutron/v2/internal/BaseNeutronApiMockTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/domain/Snapshot.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/net/domain/IpPermissionTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/functions/BootstrapConfigForGroupTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/parse/GetDirectionalDNSGroupDetailsResponseTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseTargetHttpProxyListTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/blobstore/functions/BucketToResourceMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-



master/core/src/main/java/org/jclouds/rest/ApiContext.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/common/googlecloud/src/main/java/org/jclouds/googlecloud/internal/AdvancingIterator.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/FloatingIpForServer.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/compute/src/main/java/org/jclouds/compute/options/RunScriptOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/azurecompute-arm/src/test/java/org/jclouds/azurecompute/arm/compute/AzureTemplateBuilderLiveTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/Subnet.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/compute/functions/VMImageToImage.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-cinder/src/main/java/org/jclouds/openstack/cinder/v1/options/CreateSnapshotOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/filters/SignedHeaderAuthTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/functions/ParseKeySetFromJson.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/binder/loadbalancer/DeregisterLoadBalancerRequestBinderTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/compute/options/GoogleComputeEngineTemplateOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/functions/ParseNamesFromHttpResponse.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/features/ImageApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/dynect/src/test/java/org/jclouds/dynect/v3/parse/GetSRVRecordResponseTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/lbaas/v1/HealthMonitorsToPagedIterable.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/NIC.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/compute/internal/EC2ComputeServiceContextImpl.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/domain/rdata/NSData.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/functions/BindRegionToXmlPayload.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/rackspace-cloudfiles/src/test/java/org/jclouds/rackspace/cloudfiles/v1/binders/BindCDNPurgeEmailAddressToHeadersMockTest.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/binders/BindS3UploadPolicyAndSignatureTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns/ws/src/test/java/org/jclouds/ultradns/ws/predicates/ZonePredicatesTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/features/OrganizationApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/features/RouteTableApiMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/AddressApiLiveTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/binders/BindToJsonPayloadWrappedWith.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/predicates/ImagePredicates.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/compute/functions/VirtualMachineToNodeMetadata.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns/ws/src/test/java/org/jclouds/ultradns/ws/parse/TaskNotFoundTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/ipblock/IpBlockResponseHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/location/suppliers/fromconfig/ZoneIdsFromConfiguration.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/test/java/org/jclouds/glesys/compute/GleSYSTemplateBuilderLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/compute/options/NodeAndNovaTemplateOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/domain/LoadBalancerState.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/cim/xml/ResourceAllocationSettingDataHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/java/org/jclouds/docker/parse/ContainerVersionMajor1Minor21.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/xml/RegexListQueuesResponseHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/config/DigitalOcean2HttpApiModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/predicates/UserPredicatesTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/compute/functions/OrphanedGroupsFromDeadNodesTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/domain/BucketLogging.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/compute/strategy/OptionsConverterTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/test/java/org/jclouds/openstack/trove/v1/parse/ParseUserListTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListSecurityGroupsOptionsTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/parse/ParseFlavorTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/functions/NodeAndTemplateOptionsToStatement.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/AccountApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/ssh/DSAKeys.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/collect/internal/ArgsToPagedIterable.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/GlobalConfigurationApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v2\_0/parse/ParseAdminAccessTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/features/UrlMapApiLiveTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/serverlove-z1-man/src/main/java/org/jclouds/serverlove/ServerloveManchesterProviderMetadata.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/domain/ArchiveAllowedArguments.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/ChefApiMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/features/VirtualGuestBlockDeviceTemplateGroupApi.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/GlobalConfigurationApi.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/handlers/NovaErrorHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/serverlove-z1-man/src/main/java/org/jclouds/serverlove/suppliers/FixedWellKnownImageSupplier.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/domain/JsonBall.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/core/src/main/java/org/jclouds/location/suppliers/fromconfig/ZoneIdToURIFromConfigurationOrDefaultToP  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/VMHardware.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-clouddatabases-uk/src/test/java/org/jclouds/rackspace/clouddatabases/uk/CloudDatabasesUKProviderMetadataExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/GlobalOfferingApiTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/http/parser/ipblock/IpBlockListResponseHandlerTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/functions/Sha512CryptTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/Kill.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/main/java/org/jclouds/openstack/trove/v1/TroveApi.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/main/java/org/jclouds/ultradns/ws/features/ResourceRecordApi.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova-ec2/src/main/java/org/jclouds/openstack/nova/ec2/xml/NovaCreateVolumeResponseHandler.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/serverlove-z1-man/src/test/java/org/jclouds/serverlove/compute/ServerloveManchesterTemplateBuilderLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/AddHostOptions.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/UpdateClusterOptionsTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/domain/AccessRuleWithId.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/compute/src/main/java/org/jclouds/cim/OSType.java  
\*  
/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/filters/ProfitBricksSoapMessageEnvelope.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/compute/functions/RegionToLocationTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/ultradns/src/main/java/org/jclouds/ultradns/ws/binders/DirectionalRecordAndGeoGroupToXML.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/NewInstance.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/azureblob/src/test/java/org/jclouds/azure/storage/handlers/ParseAzureBlobErrorFromXmlContentTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/ultradns/src/test/java/org/jclouds/ultradns/ws/UltraDNSWSApiExpectTest.java  
\*  
/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/statements/ruby/InstallRuby.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/b2/src/main/java/org/jclouds/b2/functions/ParseB2ObjectFromResponse.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/options/RouteOptions.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
zip/jclouds-master/skeletons/standalone-

compute/src/main/java/org/jclouds/servermanager/Datacenter.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/predicates/internal/RefreshNodeAndDoubleCheckOnFailUnlessStatusInvalid.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/gae/src/main/java/org/jclouds/gae/config/GoogleAppEngineConfigurationModule.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/filesystem/src/main/java/org/jclouds/filesystem/predicates/validators/FilesystemBlobKeyValidator.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/Ports.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/InstanceStateChangeHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/compute/extensions/EC2ImageExtensionExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/main/java/org/jclouds/rackspace/clouddns/v1/binders/CreateReverseDNSToJSON.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/compute/DigitalOcean2TemplateBuilderLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/compute/domain/internal/GoogleComputeEngineArbitraryCpuRamTemplateBuilderImplTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/config/ValueOfConfigurationKeyOrNullTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/loadbalancer/functions/LoadBalancerToLoadBalancerMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/CreateOrOverwriteFile.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/DescribeSnapshotsResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/options/DestroyServerOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/json/internal/DeserializationConstructorAndReflectiveTypeAdapterFactoryTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/ListResourceLimitsOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/statements/login/ShadowStatements.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/http/parser/snapshot/SnapshotResponseHandlerTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/test/java/org/jclouds/dynect/v3/features/SessionApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/java/org/jclouds/docker/parse/Info2ParseTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/atmos/src/test/java/org/jclouds/atmos/functions/ParseUserMetadataFromHeadersTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/features/MetricDefinitionsApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/statements/login/Sudoers.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/VirtualInterface.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v3/features/UserApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/GlobalHostApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-clouddns-us/src/test/java/org/jclouds/rackspace/clouddns/us/features/CloudDNSUSDomainApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/test/java/org/jclouds/rackspace/clouddns/v1/features/LimitApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/atmos/src/main/java/org/jclouds/atmos/blobstore/functions/BlobStoreListOptionsToListOptions.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/xml/DatapointHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/features/DirectionalPoolApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/test/java/org/jclouds/openstack/swift/v1/features/StaticLargeObjectApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/skalicloud-sdgm/src/test/java/org/jclouds/skalicloud/compute/SkaliCloudMalaysiaComputeServiceLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/ChefApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/compute/functions/OrphanedGroupsByRegionIdTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/domain/QueueAttributes.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/xml/DescribeSpotPriceHistoryResponseHandlerTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v2\_0/features/TenantApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/config/ChefHttpApiModule.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/test/java/org/jclouds/glesys/features/ArchiveApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-

arm/src/test/java/org/jclouds/azurecompute/arm/features/OSImageApiMockTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/handlers/GetJobRedirectionRetryHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-sts/src/test/java/org/jclouds/aws/sts/AWSSTSApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/domain/internal/BucketListObjectMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/binders/BindFiltersToIndexedFormParamsTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/vpn/IPSecEncryption.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/options/RunInstancesOptions.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/common/openstack/src/main/java/org/jclouds/openstack/services/Image.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/test/java/org/jclouds/elasticstack/handlers/ElasticStackErrorHandlerTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/xml/DescribeInstanceAttributeTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/ZoneApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/suppliers/ImageCacheSupplier.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/functions/ReturnStringIf2xx.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/domain/Record.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/predicates/HardwarePredicatesTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/parse/PublicIpsInPrivateAddressBlockExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v3/KeystoneApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudservers-us/src/test/java/org/jclouds/rackspace/cloudservers/us/compute/extensions/CloudServersUSImageExtensionLivetest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/domain/AzureBlob.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/main/java/org/jclouds/openstack/trouve/v1/domain/Instance.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/BooleanValueHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/providers/packet/src/main/java/org/jclouds/packet/domain/Facility.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 neutron/src/test/java/org/jclouds/openstack/neutron/v2/features/SubnetApiMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-clouddns-  
 uk/src/main/java/org/jclouds/rackspace/clouddns/uk/CloudDNSUKProviderMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/route53/src/main/java/org/jclouds/route53/binders/BindNextRecord.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-  
 storage/src/main/java/org/jclouds/googlecloudstorage/domain/GoogleCloudStorageObject.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 nova/src/main/java/org/jclouds/openstack/nova/v2\_0/compute/NovaComputeServiceAdapter.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/core/src/test/java/org/jclouds/rest/CredentialStoreModuleTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/suppliers/NetworksForCurrentUser.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/glesys/src/main/java/org/jclouds/glesys/domain/ServerStatus.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/predicates/UserPredicates.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/docker/src/main/java/org/jclouds/docker/compute/functions/ContainerToNodeMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/GlobalStoragePoolApiTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-  
 storage/src/main/java/org/jclouds/googlecloudstorage/domain/ListPageWithPrefixes.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/sts/src/main/java/org/jclouds/aws/domain/Region.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/skalicloud-sdg-  
 my/src/test/java/org/jclouds/skalicloud/compute/SkaliCloudMalaysiaTemplateBuilderLiveTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/domain/AvailabilityZone.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/core/src/main/java/org/jclouds/http/HttpRequest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/ListStoragePoolsOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/ec2/src/main/java/org/jclouds/ec2/xml/DescribeImagesResponseHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/SecurityGroup.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-  
 storage/src/test/java/org/jclouds/googlecloudstorage/blobstore/integration/GoogleCloudStorageBlobSignerLiveTest.  
 java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/docker/src/test/java/org/jclouds/docker/DockerApiMetadataTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/main/java/org/jclouds/ultradns/ws/features/ZoneApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/binders/BindCIDRsToCommaDelimitedQueryParam.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/internal/BaseChefServiceTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/domain/internal/PrimaryNetworkComponent.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/domain/Resource.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-clouddatabases-us/src/main/java/org/jclouds/rackspace/clouddatabases/us/CloudDatabasesUSProviderMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/options/ListIpOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/AttachDisk.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/main/java/org/jclouds/rackspace/clouddns/v1/config/CloudDNS.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/compute/functions/GoogleComputeEngineImageToImage.java

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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/compute/ProfitBricksTemplateBuilderLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/util/Strings2Test.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/domain/StorageMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/io/payloads/InputStreamPayload.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v3/features/CatalogApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/openhosting-east1/src/test/java/org/jclouds/openhosting/compute/OpenHostingEast1TemplateBuilderLiveTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/compute/extensions/AzureComputeSecurityGroupExtension.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/route53/src/main/java/org/jclouds/route53/xml/HostedZoneHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/collect/PagedIterablesTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/test/java/org/jclouds/rackspace/cloudloadbalancers/v1/features/AccessRuleApiExpectTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/compute/functions/OptionToLocation.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/domain/EBSConstants.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/SystemVmType.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/functions/ExpandPropertiesTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudfiles-uk/src/test/java/org/jclouds/rackspace/cloudfiles/uk/blobstore/integration/CloudFilesUKBlobIntegrationLiveTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/domain/OperatingSystem.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/ovf/xml/OperatingSystemSectionHandlerTest.java

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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/test/java/org/jclouds/scriptbuilder/domain/SaveHttpResponseToTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/domain/JobProperties.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/v2\_0/functions/PresentWhenExtensionAnnotationNamespaceEqualsAnyNamespaceInExtensionsSetTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/functions/ParseNode.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/test/java/org/jclouds/rackspace/cloudloadbalancers/v1/features/SessionPersistenceApiExpectTest.java



\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/compute/CloudStackComputeServiceAdapterLiveTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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zip/jclouds-master/compute/src/main/java/org/jclouds/compute/strategy/CreateNodeWithGroupEncodedIntoName.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/gae/src/test/java/org/jclouds/gae/ConvertToJcloudsResponseTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/domain/VNC.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/main/java/org/jclouds/openstack/swift/v1/options/CreateContainerOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudidentity/src/main/java/org/jclouds/rackspace/cloudidentity/v2\_0/functions/AuthenticateApiKeyCredentials.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/features/MonitoringApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/config/ChefParserModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/main/java/org/jclouds/rackspace/clouddns/v1/functions/ParseDomain.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v3/features/ProjectApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/Tag.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/test/java/org/jclouds/openstack/neutron/v2/features/PortApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListTemplatesOptionsTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/extensions/internal/BaseSecurityGroupExtensionLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/parse/ListOSCategoriesResponseTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListPublicIPAddressesOptionsTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/config/S3HttpApiModule.java

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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/features/IpApi.java  
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master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/parse/ListAccountsResponseTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseGlobalOperationListTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/binders/BindBucketLoggingToXmlPayloadTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/KeyPairApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/ISOApi.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/b2/src/main/java/org/jclouds/b2/domain/Authorization.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/location/suppliers/derived/ZoneIdsFromZoneIdToURIKeySet.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/compute/functions/OrphanedGroupsByRegionId.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/parse/GetAvailableGroupsResponseTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/reflect/InvocationSuccess.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/domain/CredentialsTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/Zone.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/regionscoped/ImageInRegion.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/loadbalancer/config/CloudLoadBalancersLoadBalancerServiceDependenciesModule.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/features/Messages.java  
\*  
/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/handlers/DelegatingRetryHandler.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/GenerateUsageRecordsOptions.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/S3Client.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/features/AWSSubnetApiMockTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/callables/RunScriptOnNodeUsingSshTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/attr/ContainerVisibilities.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/SimpleParsingTests.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-cinder/src/test/java/org/jclouds/openstack/cinder/v1/features/QuotasApiExpectTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/handlers/DynECTErrorHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/xml/DescribeVolumesResponseHandlerTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/ovf/xml/EnvelopeHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/JCloudsNativeComputeServiceAdapter.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/options/RebuildServerOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/PortForwardingRule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/features/KeyPairApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/domain/StorageType.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/test/java/org/jclouds/rackspace/cloudloadbalancers/v1/features/SSLTerminationApiLiveTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/test/java/org/jclouds/rackspace/cloudloadbalancers/v1/features/ContentCachingApiLiveTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/config/CredentialStoreModule.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/test/java/org/jclouds/openstack/neutron/v2/features/SubnetApiLiveTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/ScriptBuilder.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/location/suppliers/derived/ZoneIdToURIFromJoinOnRegionIdToURITest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/util/ChefUtils.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/domain/LoadBalancerStats.java

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 neutron/src/test/java/org/jclouds/openstack/neutron/v2/features/ExtensionApiMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 nova/src/main/java/org/jclouds/openstack/nova/v2\_0/extensions/FloatingIPPoolApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/core/src/main/java/org/jclouds/functions/OnlyElementOrNull.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/domain/internal/PaginatedCollection.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/Network.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/core/src/main/java/org/jclouds/http/annotation/Redirection.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-  
 cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/domain/LoadBalancerInfo.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-  
 arm/src/main/java/org/jclouds/azurecompute/arm/domain/Metric.java  
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 cloudfiles/src/main/java/org/jclouds/rackspace/cloudfiles/v1/options/ListCDNContainerOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/blobstore/src/main/java/org/jclouds/blobstore/BlobStores.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-  
 clouddatabases-uk/src/test/java/org/jclouds/rackspace/clouddatabases/uk/CloudDatabasesUKProviderTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-  
 storage/src/main/java/org/jclouds/googlecloudstorage/GoogleCloudStorageProviderMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/AvailabilityZoneApiExpectTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/softlayer/src/main/java/org/jclouds/softlayer/domain/SoftwareLicense.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-  
 ec2/src/main/java/org/jclouds/aws/ec2/features/MonitoringApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/blobstore/src/main/java/org/jclouds/blobstore/LocalStorageStrategy.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/s3/src/main/java/org/jclouds/s3/filters/RequestAuthorizeSignatureV2.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/ec2/src/main/java/org/jclouds/ec2/compute/functions/WindowsLoginCredentialsFromEncryptedData.jav  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/net/util/IpPermissionsTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/config/AzureOAuthConfigFactory.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/functions/MapToServerMetrics.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseRouteTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/Deployment.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/domain/Address.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/GuestIPType.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/package-info.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/packet/src/main/java/org/jclouds/packet/PacketProviderMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/test/java/org/jclouds/sqs/features/BulkMessageApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/NovaApiMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/ConfiguresHttpApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/domain/DriveStatus.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/http/filters/ProfitBricksSoapMessageEnvelopeTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/binders/BindSecurityGroupRuleToJsonPayload.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/IpAddressAvailabilityResult.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/route53/src/main/java/org/jclouds/route53/domain/ChangeBatch.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/RegisterTemplateOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/ServerExtendedAttributes.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/OfferingApiTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/domain/Region.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/apis/sts/src/main/java/org/jclouds/sts/xml/UserAndSessionCredentialsHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 ws/src/test/java/org/jclouds/ultradns/ws/features/DirectionalGroupApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/core/src/test/java/org/jclouds/location/suppliers/implicit/OnlyLocationOrFirstRegionOptionallyMatchingReg  
 ionIdTest.java  
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 neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/PortsToPagedIterable.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/providers/gogrid/src/test/java/org/jclouds/gogrid/parse/ParseServerListTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/compute/ProfitBricksComputeServiceLiveTest.ja  
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 master/compute/src/main/java/org/jclouds/ovf/internal/BaseVirtualSystem.java  
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 master/core/src/main/java/org/jclouds/util/Multimaps2.java  
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 keystone/src/test/java/org/jclouds/openstack/keystone/v2\_0/parse/ParseMinimalAccessTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 engine/src/test/java/org/jclouds/googlecomputeengine/features/SubnetworkApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/UpdateTemplateOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/providers/glesys/src/main/java/org/jclouds/glesys/domain/ServerUptime.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/domain/EC2Constants.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/core/src/main/java/org/jclouds/rest/annotations/ApiVersion.java  
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 ws/src/test/java/org/jclouds/ultradns/ws/features/TaskApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/apis/ec2/src/main/java/org/jclouds/ec2/domain/SecurityGroup.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 master/providers/dynect/src/test/java/org/jclouds/dynect/v3/DynECTProviderMetadataTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/SimpleTenantUsage.java  
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 zip/jclouds-  
 master/apis/docker/src/test/java/org/jclouds/docker/parse/ImagesParseTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/Firewall.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/lbaas/v1/LBaaSStatus.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sts/src/test/java/org/jclouds/sts/options/SessionCredentialsOptionsTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/main/java/org/jclouds/ultradns/ws/config/UltraDNSWSHttpApiModule.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/concurrent/SingleThreaded.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/test/java/org/jclouds/openstack/swift/v1/features/AccountApiMockTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/route53/src/test/java/org/jclouds/route53/features/ResourceRecordSetApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/atmos/src/main/java/org/jclouds/atmos/blobstore/functions/ObjectToBlobMetadata.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/features/AWSAMIApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/FrontendIPConfigurations.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/domain/PlacementGroup.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/xml/DescribeSpotPriceHistoryResponseHandler.java  
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- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/DigitalOcean2ProviderMetadata.java
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/test/java/org/jclouds/openstack/trove/v1/internal/BaseTroveExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/VMImage.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/AzureBlobProviderMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/crypto/Crypto.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/options/EmptyOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/domain/internal/BaseNode.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/functions/ParseNodeFromJsonTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sts/src/main/java/org/jclouds/sts/options/AssumeRoleOptions.java

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arm/src/main/java/org/jclouds/azurecompute/arm/features/DeploymentApi.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/SnapshotPolicy.java

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- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/domain/VirtualMachineTest.java
- \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/SecurityGroup.java
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master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/GlobalAccountApi.java  
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 master/apis/chef/src/test/java/org/jclouds/chef/ChefApiExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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 master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/User.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/core/src/test/java/org/jclouds/apis/JcloudsTestBlobStoreApiMetadata.java  
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 master/apis/ec2/src/test/java/org/jclouds/ec2/util/TagsTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/TemplateApiLiveTest.java  
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 arm/src/test/java/org/jclouds/azurecompute/arm/internal/BaseAzureComputeApiMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/compute/src/test/java/org/jclouds/compute/callables/BlockUntilInitScriptStatusIsZeroThenReturnOutputTest

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master/providers/softlayer/src/main/java/org/jclouds/softlayer/domain/VirtualGuestNetworkComponent.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-
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* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-
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master/providers/gogrid/src/main/java/org/jclouds/gogrid/domain/IpPortPair.java
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* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-
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arm/src/test/java/org/jclouds/azurecompute/arm/features/NetworkInterfaceCardApiMockTest.java
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/RouterToPagedIterable.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/features/AWSSecurityGroupApiTest.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/xml/CreateRouteTableResponseHandler.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/ListPodsOptions.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/annotations/VirtualHost.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/providers/azureblob/src/main/java/org/jclouds/azureblob/domain/MutableBlobProperties.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/domain/Distribution.java  
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 master/apis/atmos/src/main/java/org/jclouds/atmos/functions/ParseDirectoryListFromContentAndHeaders.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-  
 engine/src/test/java/org/jclouds/googlecomputeengine/features/DiskTypeApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-  
 arm/src/test/java/org/jclouds/azurecompute/arm/features/ImageApiMockTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/GlobalUserApiTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/main/java/org/jclouds/openstack/swift/v1/functions/FalseOnAccepted.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/AzureComputeProviderMetadata.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/config/DigitalOcean2RateLimitModule.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/domain/ELBConstants.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/domain/internal/BlockDeviceTemplateGroup.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/compute/strategy/AssignDataCenterToTemplate.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/route53/src/main/java/org/jclouds/route53/handlers/Route53ErrorHandler.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/test/java/org/jclouds/cloudwatch/xml/ListAlarmsForMetricResponseHandlerTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/ohai/functions/MapSetToMultimap.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/functions/ParseEventTypesFromHttpResponse.java  
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master/core/src/main/java/org/jclouds/osgi/ApiListener.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/features/DomainApi.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/domain/BucketMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/go2cloud-jhb1/src/test/java/org/jclouds/go2cloud/compute/Go2CloudJohannesburg1TemplateBuilderLiveTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/docker/src/main/java/org/jclouds/docker/compute/functions/CustomLoginPortFromImage.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/compute/functions/ParseOsFamilyVersion64BitFromImageName.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/docker/src/main/java/org/jclouds/docker/util/DockerInputStream.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/packet/src/main/java/org/jclouds/packet/features/ProjectApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v2\_0/domain/Endpoint.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/predicates/ZonePredicatesTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/core/src/main/java/org/jclouds/logging/NullLogger.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/EC2ContextBuilderText.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/glesys/src/test/java/org/jclouds/glesys/features/IpApiLiveTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/config/GoGridParserModule.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/FirewallPolicy.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/core/src/main/java/org/jclouds/concurrent/config/ScheduledExecutorServiceModule.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/xml/PayerHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/domain/CookbookVersion.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/statements/ssh/InstallRSAPrivateKey.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/test/java/org/jclouds/gogrid/features/GridJobApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/config/ResolvesImages.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/domain/AccountUsage.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/gae/src/test/java/org/jclouds/gae/ConvertToGaeRequestTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/UpdateDomainOptions.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/xml/AWSRunInstancesResponseHandler.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/b2/src/test/java/org/jclouds/b2/blobstore/integration/B2ContainerIntegrationLiveTest.java

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master/apis/ec2/src/test/java/org/jclouds/ec2/binders/BindBlockDeviceMappingToIndexedFormParamsTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/test/java/org/jclouds/openstack/neutron/v2/features/NetworkApiMockTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-lon-p/src/test/java/org/jclouds/elastichosts/ElasticHostsPeer1LondonProviderTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/compute/strategy/EC2ListNodesStrategy.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudfiles-us/src/test/java/org/jclouds/rackspace/cloudfiles/us/blobstore/integration/CloudFilesUSBlobLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/strategy/GetBlobsInListStrategy.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/ParseRouters.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/internal/HardwareImpl.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/features/HealthMonitorApi.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/functions/KeyValuesDelimitedByBlankLinesToServe

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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/UpdateFirewallRule.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/xml/ReceiveMessageResponseHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListUsageRecordsOptionsTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/xml/ProductCodesHandlerTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/LoginType.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/domain/internal/LocationImpl.java  
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master/apis/route53/src/test/java/org/jclouds/route53/internal/BaseRoute53ApiLiveTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
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 master/apis/ec2/src/main/java/org/jclouds/ec2/compute/functions/PresentInstances.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/http/functions/ParseSaxTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/Volume.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/strategy/internal/ListContainerAndRecurseThroughFolders.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/java/org/jclouds/docker/parse/HistoryParseTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/main/java/org/jclouds/docker/domain/Container.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/compute/ProfitBricksComputeServiceAdapter.j

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ava
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/blobstore/src/test/java/org/jclouds/blobstore/integration/internal/BaseContainerIntegrationTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/common/googlecloud/src/main/java/org/jclouds/googlecloud/internal/BaseToIteratorOfListPage.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/xml/ListMetricsResponseHandler.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/filesystem/src/main/java/org/jclouds/filesystem/predicates/validators/FilesystemContainerNameValidato
r.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-
ec2/src/main/java/org/jclouds/aws/ec2/xml/ProductCodesHandler.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/core/src/main/java/org/jclouds/json/internal/GsonWrapper.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/handlers/CloudWatchErrorHandler.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/core/src/main/java/org/jclouds/rest/MapBinder.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-
storage/src/main/java/org/jclouds/googlecloudstorage/config/GoogleCloudStorageHttpApiModule.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-
ws/src/main/java/org/jclouds/ultradns/ws/domain/ZoneProperties.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/compute/function/ProvisionableToImage.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/s3/src/test/java/org/jclouds/s3/binders/BindAsHostPrefixIfConfiguredTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/functions/CloudStackFallbacks.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-
cloudfiles/src/main/java/org/jclouds/rackspace/cloudfiles/v1/options/UpdateCDNContainerOptions.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-
keystone/src/main/java/org/jclouds/openstack/keystone/v3/domain/Catalog.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/DomainLimitApiLiveTest.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-
cloudloadbalancers/src/test/java/org/jclouds/rackspace/cloudloadbalancers/v1/handlers/ParseCloudLoadBalancersEr
rorFromHttpResponseTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-
nova/src/main/java/org/jclouds/openstack/nova/v2_0/extensions/ServerAdminApi.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/core/src/test/java/org/jclouds/domain/JsonBallTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-
keystone/src/main/java/org/jclouds/openstack/keystone/v2_0/features/ServiceApi.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/drivers/log4j/src/main/java/org/jclouds/logging/log4j/config/Log4JLoggingModule.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/AttachmentHandler.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/functions/SplitNewlines.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/DeprecatedAvailabilityZoneApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/options/GetOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/VolumeApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/route53/src/test/java/org/jclouds/route53/functions/SerializeRRSTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/features/DiskTypeApiMockTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/compute/functions/NovaSecurityGroupInRegionToSecurityGroupTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/features/VPCApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudservers-uk/src/test/java/org/jclouds/rackspace/cloudservers/uk/features/CloudServersUKFlavorApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/domain/Location.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/util/PasswordGeneratorTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/strategy/CreateNodesInGroupThenAddToSet.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseSubnetworkListTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/functions/ParseClientFromJsonTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/test/java/org/jclouds/scriptbuilder/functions/CredentialsFromAdminAccessTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/b2/src/test/java/org/jclouds/b2/internal/BaseB2ApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/VolumeBuilder.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/ProbeProperties.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/test/java/org/jclouds/sqs/functions/MapToQueueAttributesTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/io/payloads/BaseCipherPayload.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/RunInstancesResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/loadbalancer/BaseLoadBalancerResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/strategy/internal/UpdateAutomaticAttributesOnNodeImplLiveTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/options/DescribeSnapshotsOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/test/java/org/jclouds/openstack/swift/v1/features/DynamicLargeObjectApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/filesystem/src/main/java/org/jclouds/filesystem/reference/FilesystemConstants.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/compute/extensions/NovaSecurityGroupExtensionExpectTest.java

\*

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/reflect/Reflection2OverriddenMethodTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/xml/ListAllMyBucketsHandler.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/bouncycastle/src/test/java/org/jclouds/encryption/bouncycastle/BouncyCastlePasswordDecryptionTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/loadbalancer/LoadBalancerResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/test/java/org/jclouds/openstack/swift/v1/features/StaticLargeObjectApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/internal/VolumeImpl.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/DynECTFallbacks.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/ForwardingRule.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/route53/src/test/java/org/jclouds/route53/Route53ApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/java/org/jclouds/docker/internal/DockerTestUtils.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/test/java/org/jclouds/openstack/swift/v1/features/BulkApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/compute/functions/StandardDriveToWellKnownImage.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/compute/src/main/java/org/jclouds/compute/domain/OsFamily.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova-ec2/src/test/java/org/jclouds/openstack/nova/ec2/features/NovaEC2InstanceApiExpectTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/SKU.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/joda/src/test/java/org/jclouds/date/joda/JodaDateServiceTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/LoadBalancerApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/domain/LoginResponse.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns/ws/src/main/java/org/jclouds/ultradns/ws/domain/UpdatePoolRecord.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/domain/Image.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/SecurityGroupApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/v2\_0/domain/Limits.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/test/java/org/jclouds/digitalocean2/features/DropletApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/rest/internal/InvokeHttpMethodTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/ovf/xml/VirtualHardwareSectionHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudblockstorage-us/src/test/java/org/jclouds/rackspace/cloudblockstorage/us/CloudBlockStorageUSProviderTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/binders/BindUserIdGroupPairToSourceSecurityGroupFormParams.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/compute/functions/ServerToNodeMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-cloudloadbalancers-us/src/main/java/org/jclouds/rackspace/cloudloadbalancers/us/CloudLoadBalancersUSProviderMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-s3/src/test/java/org/jclouds/aws/s3/internal/BaseAWSS3ClientExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/features/DiskApiMockTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/compute/strategy/BasicNetworkOptionsConverter.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/functions/ListAlarmHistoryToPagedIterable.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/main/java/org/jclouds/googlecloudstorage/GoogleCloudStorageFallbacks.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/test/java/org/jclouds/openstack/keystone/v2\_0/extensions/ServiceAdminApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/exceptions/AzureComputeRateLimitExceededException.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/compute/functions/ServiceOfferingToHardwareTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/oauth/src/main/java/org/jclouds/oauth/v2/functions/ClaimsToAssertion.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/ovf/ProductSection.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/binders/BindIterableAsPayloadToDeleteRequestTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/xml/SnapshotHandlerTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/binders/IfNotNullBindAvailabilityZoneToFormParam.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/Context.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/domain/EMRConstants.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/functions/ParseSandboxFromJsonTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova-ec2/src/main/java/org/jclouds/openstack/nova/ec2/NovaEC2Api.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/binder/drive/AddRomDriveToServerRequestBinderTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/parse/ParseKeyPairListTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/features/AvailabilityZoneAndRegionApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/main/java/org/jclouds/googlecloudstorage/domain/DomainResourceReferences.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/location/suppliers/RegionIdToZoneIdsSupplier.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/suppliers/SupplyKeyMatchingValueOrNull.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/main/java/org/jclouds/elasticstack/ElasticStackApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova-ec2/src/main/java/org/jclouds/openstack/nova/ec2/NovaEC2ApiMetadata.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/date/internal/DateUtilsTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/VirtualMachineScaleSetVirtualMachineProfile.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/BackendAddressPool.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/annotation/ClientError.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/atmos/src/test/java/org/jclouds/atmos/blobstore/integration/AtmosBlobSignerLiveTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseZoneOperationTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 arm/src/main/java/org/jclouds/azurecompute/arm/domain/DeploymentBody.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudidentity/src/test/java/org/jclouds/rackspace/cloudidentity/v2\_0/features/CloudIdentityServiceApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/test/java/org/jclouds/openstack/neutron/v2/features/FloatingIPApiMockTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/compute/strategy/EC2SuspendNodeStrategy.java  
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 arm/src/test/java/org/jclouds/azurecompute/arm/features/VaultApiLiveTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/compute/src/main/java/org/jclouds/compute/strategy/RebootNodeStrategy.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 keystone/src/test/java/org/jclouds/openstack/keystone/v2\_0/extensions/UserAdminApiMockTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/compute/src/main/java/org/jclouds/compute/domain/internal/ImageImpl.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/core/src/test/java/org/jclouds/rest/binders/BindToXMLPayloadTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/util/Utils.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/s3/src/test/java/org/jclouds/s3/S3ClientMockTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/route53/src/main/java/org/jclouds/route53/filters/RestAuthentication.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/util/MacAddresses.java  
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 master/apis/ec2/src/main/java/org/jclouds/ec2/compute/strategy/DescribeImagesParallel.java  
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 master/core/src/main/java/org/jclouds/location/suppliers/derived/ZoneIdToURIFromJoinOnRegionIdToURI.java  
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 master/apis/ec2/src/main/java/org/jclouds/ec2/binders/BindFiltersToIndexedFormParams.java  
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 v/src/test/java/org/jclouds/elastichosts/ElasticHostsSydneyApiLiveTest.java  
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 storage/src/main/java/org/jclouds/googlecloudstorage/options/InsertBucketOptions.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/compute/functions/PresentSpotRequestsAndInstances.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseLicenseTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/http/functions/ParseURIFromListOrLocationHeaderIf20xTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/TagApiTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/features/PermissionApi.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/test/java/org/jclouds/softlayer/compute/options/SoftLayerTemplateOptionsTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/reference/ComputeServiceConstants.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/internal/BaseComputeServiceLiveTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/fallbacks/lbaas/v1/EmptyMembersFallback.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/b2/src/test/java/org/jclouds/b2/features/MultipartApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/compute/loaders/AWSEC2CreateSecurityGroupIfNeededTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/domain/Drive.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/ISOApiTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/providers/gogrid/src/test/java/org/jclouds/gogrid/predicates/ServerLatestJobCompletedTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/KeyPairResponseHandler.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/test/java/org/jclouds/cloudwatch/options/ListAlarmsOptionsTest.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/PasswordAuthenticationExpectTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudfiles/src/test/java/org/jclouds/rackspace/cloudfiles/v1/blobstore/integration/CloudFilesBlobSignerLiveTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/ComputeTestUtils.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/test/java/org/jclouds/softlayer/handlers/SoftLayerErrorHandlerTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/logging/BufferLoggerTest.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/functions/ParseJson.java  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/domain/internal/StorageMetadataImpl.java  
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arm/src/main/java/org/jclouds/azurecompute/arm/domain/AddressSpace.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/atmos/src/main/java/org/jclouds/atmos/filters/ShareUrl.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/ipblock/IpBlockListResponseHandle  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/EC2ApiMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/drivers/apachehc/src/main/java/org/jclouds/http/apachehc/ApacheHCUtills.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/util/TagFilterBuilder.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/core/src/test/java/org/jclouds/providers/internal/BaseProviderMetadataTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/Firewalls.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListNetworkOfferingsOptionsTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/S3Fallbacks.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/core/src/main/java/org/jclouds/rest/AuthorizationException.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/features/GridImageApi.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 nder.java  
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 zip/jclouds-master/core/src/main/java/org/jclouds/Fallback.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/keystone/v2\_0/functions/internal/ParseServices.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/lbaas/v1/HttpMethod.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
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 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-  
 zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/CreateAccountOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/DeployVirtualMachineOptions.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/functions/DefaultEndpointThenInvalidateRegion.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/config/JCloudsNativeComputeServiceAdapterContextModule.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/loadbalancer/src/test/java/org/jclouds/loadbalancer/BaseLoadBalancerServiceLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/NeutronApi.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/functions/CacheLearningTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/main/java/org/jclouds/googlecloudstorage/domain/templates/BucketAccessControlsTemplate.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListAccountsOptionsTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/xml/RegexQueueHandler.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/test/java/org/jclouds/softlayer/compute/SoftLayerTemplateBuilderLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/test/java/org/jclouds/glesys/compute/GleSYSComputeServiceAdapterExpectTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/suppliers/ZoneIdToZoneSupplier.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-

master/common/googlecloud/src/main/java/org/jclouds/googlecloud/domain/ForwardingListPage.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/functions/ParseTypedAsyncJob.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 nova/src/main/java/org/jclouds/openstack/nova/v2\_0/compute/config/NovaComputeServiceContextModule.java  
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 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-  
 ec2/src/main/java/org/jclouds/aws/ec2/compute/internal/AWSEC2ComputeServiceContextImpl.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/options/ListSecurityGroupsOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/gogrid/src/main/java/org/jclouds/gogrid/config/GoGridHttpApiModule.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-  
 engine/src/main/java/org/jclouds/googlecomputeengine/internal/BaseCallerArg0ToIteratorOfListPage.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/compute/src/test/java/org/jclouds/compute/strategy/PrioritizeCredentialsFromTemplateTest.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/docker/src/main/java/org/jclouds/docker/domain/ExecInspect.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/ec2/src/main/java/org/jclouds/ec2/options/CreateVolumeOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/ec2/src/test/java/org/jclouds/ec2/util/IpPermissionsTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-  
 arm/src/main/java/org/jclouds/azurecompute/arm/domain/Provisionable.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-  
 arm/src/main/java/org/jclouds/azurecompute/arm/domain/VirtualMachineScaleSetUpgradeMode.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-  
 neutron/src/test/java/org/jclouds/openstack/neutron/v2/util/PredicateUtil.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/providers/azureblob/src/test/java/org/jclouds/azureblob/xml/ContainerNameEnumerationResultsHandlerTest.  
 java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/core/src/main/java/org/jclouds/json/config/GsonModule.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/compute/src/main/java/org/jclouds/compute/domain/OperatingSystem.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/parse/ListPodsResponseTest.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/byon/src/main/java/org/jclouds/byon/functions/NodeToNodeMetadata.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/s3/src/main/java/org/jclouds/s3/domain/MutableObjectMetadata.java  
 \*  
 /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-  
 engine/src/main/java/org/jclouds/googlecomputeengine/options/SubnetworkCreationOptions.java  
 \* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-  
 master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/GlobalHostApiTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/ServerExtendedStatus.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/functions/ParseSax.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/parse/ParseNetworkTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/filesystem/src/main/java/org/jclouds/filesystem/strategy/internal/FilesystemStorageStrategyImpl.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-keystone/src/main/java/org/jclouds/openstack/v2\_0/options/PaginationOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/xml/AccessControlListHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/http/internal/BaseHttpCommandExecutorServiceTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/ServicePrincipal.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/VolumeApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/digitalocean2/src/main/java/org/jclouds/digitalocean2/functions/LinkToImageListOptions.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/PipeHttpResponseToTarxpfzIntoDirectory.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/S3ClientExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/http/parser/loadbalancer/LoadBalancerResponseHandlerTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/predicates/VolumeAttached.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/skalicloud-sdg-my/src/main/java/org/jclouds/skalicloud/SkaliCloudMalaysiaProviderMetadata.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/logging/LoggingModules.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/strategy/BlockUntilJobCompletesAndReturnResult.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/features/DiskTypeApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/test/java/org/jclouds/ec2/features/WindowsApiTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/test/java/org/jclouds/sqs/parse/DeleteMessageBatchResponseTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/compute/strategy/GoGridComputeServiceAdapter.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/features/NetworkSecurityGroupApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/options/AddressCreationOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/location/suppliers/fromconfig/RegionIdToZoneIdsFromConfiguration.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/http/filters/StripExpectHeader.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/features/PlacementGroupApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/ResourceAlreadyExistsException.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/BaseChefApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/StatementList.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/features/DiskApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/compute/extensions/AzureComputeImageExtension.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/oauth/src/main/java/org/jclouds/oauth/v2/filters/OAuthFilter.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/compute/loaders/FindSecurityGroupOrCreate.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/FirewallToPagedIterable.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/test/java/org/jclouds/googlecomputeengine/features/LicenseApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-trove/src/main/java/org/jclouds/openstack/trove/v1/features/FlavorApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/IPv6DHCPMode.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/elasticstack/src/test/java/org/jclouds/elasticstack/functions/ListOfKeyValuesDelimitedByBlankLinesToListOfMapsTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/ec2/src/main/java/org/jclouds/ec2/xml/GetConsoleOutputResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/blobstore/AzureBlobRequestSigner.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/test/java/org/jclouds/azurecompute/arm/features/LocalNetworkGatewayApiMockTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/binders/BindAzureBlocksToRequest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/features/VolumeApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/test/java/org/jclouds/rackspace/clouddns/v1/internal/BaseCloudDNSApiLiveTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/domain/AWSRunningInstance.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/domain/internal/BlobImpl.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/functions/ParseServerNameToCredentialsMapFromJsonResponse.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/compute/suppliers/GoGridHardwareSupplier.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/predicates/ImagePredicatesTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/domain/internal/MutableBlobMetadataImpl.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/compute/extensions/CloudStackSecurityGroupExtensionExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/functions/lbaas/v1/ParsePools.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/test/java/org/jclouds/glesys/compute/functions/ParseOsFamilyVersion64BitFromImageNameTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/atmos/src/main/java/org/jclouds/atmos/blobstore/functions/BlobToSystemMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/FlavorExtraSpecsApiExpectTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/common/openstack/src/test/java/org/jclouds/openstack/keystone/v1\_1/suppliers/V1DefaultRegionIdSupplierTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-neutron/src/main/java/org/jclouds/openstack/neutron/v2/domain/SecurityGroup.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/internal/FormatSharedNamesAndAppendUniqueStringToThoseWhichRepeat.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-ws/src/test/java/org/jclouds/ultradns/ws/internal/BaseUltraDNSWSApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/test/java/org/jclouds/softlayer/features/NetworkApiLiveTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/rest/annotations/Unwrap.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/domain/ContainerVirtualGuestConfigurationOption.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/common/googlecloud/src/main/java/org/jclouds/googlecloud/domain/ListPage.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/parse/ParseImageTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/strategy/internal/CreateNodeAndPopulateAutomaticAttributesImpl.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/features/AWSKeyPairApi.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/drivers/jsch/src/test/java/org/jclouds/ssh/jsch/JschSshClientLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/main/java/org/jclouds/gogrid/compute/options/GoGridTemplateOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/features/VirtualNetworkGatewayConnectionApi.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/oauth/src/main/java/org/jclouds/oauth/v2/domain/ClientCredentialsClaims.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/xml/PartIdsFromHttpResponseFull.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/test/java/org/jclouds/sqs/features/PermissionApiExpectTest.java

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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/test/java/org/jclouds/profitbricks/http/parser/RequestIdOnlyResponseHandlerTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/domain/JsonObjectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/main/java/org/jclouds/chef/strategy/DeleteAllClientsInList.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/config/AWSEC2HttpApiModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-sqs/src/test/java/org/jclouds/aws/sqs/AWSSQSProviderTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/test/java/org/jclouds/softlayer/parse/VirtualGuestBlockDeviceTemplateGroupsParseTest.java

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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudloadbalancers/src/main/java/org/jclouds/rackspace/cloudloadbalancers/v1/domain/Node.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/main/java/org/jclouds/aws/ec2/compute/strategy/AWSEC2IOExceptionRetryHandler.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/gogrid/src/test/java/org/jclouds/gogrid/GoGridProviderTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/domain/SwitchArg.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/functions/ParseBlobPropertiesFromHeaders.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/date/DateCodecFactory.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/main/java/org/jclouds/softlayer/domain/Tag.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/dynect/src/main/java/org/jclouds/dynect/v3/loaders/LoginUserInOrgWithPassword.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/location/suppliers/all/ZoneToProviderTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/atmos/src/main/java/org/jclouds/atmos/domain/internal/DelegatingMutableContentMetadata.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-lon-b/src/test/java/org/jclouds/elastichosts/ElasticHostsBlueSquareLondonProviderTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/PortInterface.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/main/java/org/jclouds/googlecloudstorage/handlers/GoogleCloudStorageErrorHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/functions/UploadIdFromHttpResponseViaRegexTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/HostAggregateApiExpectTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/binders/BindMapToHeadersWithPrefix.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/snapshot/SnapshotListResponseHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/main/java/org/jclouds/azurecompute/arm/domain/Extension.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/xml/PayerHandlerTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-ec2/src/test/java/org/jclouds/aws/ec2/options/RequestSpotInstancesOptionsTest.java



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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/profitbricks/src/main/java/org/jclouds/profitbricks/http/parser/ServiceFaultResponseHandler.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/parse/ListDomainsResponseTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/internal/BaseCloudStackApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/scriptbuilder/src/main/java/org/jclouds/scriptbuilder/functions/InitAdminAccess.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-clouddns/src/test/java/org/jclouds/rackspace/clouddns/v1/features/RecordApiExpectTest.java  
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\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/test/java/org/jclouds/docker/compute/DockerComputeServiceLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/PortState.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-compute-engine/src/main/java/org/jclouds/googlecomputeengine/domain/NewTargetInstance.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/blobstore/src/main/java/org/jclouds/blobstore/strategy/GetDirectoryStrategy.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/parse/ListOSTypesResponseTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-syd-v/src/main/java/org/jclouds/elastichosts/ElasticHostsSydneyProviderMetadata.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/softlayer/src/test/java/org/jclouds/softlayer/compute/functions/VirtualGuestToHardwareTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/packet/src/main/java/org/jclouds/packet/compute/strategy/CreateSshKeysThenCreateNodes.java  
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/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/docker/src/main/java/org/jclouds/docker/domain/Config.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/loadbalancer/src/main/java/org/jclouds/loadbalancer/internal/LoadBalancerServiceContextImpl.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudwatch/src/main/java/org/jclouds/cloudwatch/xml/GetMetricStatisticsResponseHandlerV2.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azurecompute-arm/src/test/java/org/jclouds/azurecompute/arm/internal/BaseAzureComputeApiLiveTest.java  
\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/rest/internal/BaseRestApiTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/main/java/org/jclouds/openstack/nova/v2\_0/domain/VolumeSnapshot.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-swift/src/test/java/org/jclouds/openstack/swift/v1/config/SwiftTypeAdaptersTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/azureblob/src/main/java/org/jclouds/azureblob/blobstore/functions/BlobToAzureBlob.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/parse/ParseExtensionListTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/main/java/org/jclouds/s3/options/CopyObjectOptions.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/chef/src/test/java/org/jclouds/chef/functions/ParseCookbookNamesFromJsonTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/test/java/org/jclouds/util/Predicates2Test.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/main/java/org/jclouds/compute/internal/ComputeServiceContextImpl.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/compute/config/CloudStackComputeServiceContextModule.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/google-cloud-storage/src/test/java/org/jclouds/googlecloudstorage/parse/ObjectAclGetTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova/src/test/java/org/jclouds/openstack/nova/v2\_0/extensions/FlavorExtraSpecsApiLiveTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/rackspace-clouddns-us/src/test/java/org/jclouds/rackspace/clouddns/us/features/CloudDNSUSLimitApiLiveTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/aws-s3/src/main/java/org/jclouds/aws/s3/blobstore/AWSS3BlobStoreContext.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/glesys/src/main/java/org/jclouds/glesys/domain/Cost.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/internal/BaseComputeServiceApiMetadataTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-cloudfiles/src/test/java/org/jclouds/rackspace/cloudfiles/v1/features/CloudFilesDynamicLargeObjectApiLiveTest.java

a

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/compute/src/test/java/org/jclouds/compute/functions/PollNodeRunningTest.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/s3/src/test/java/org/jclouds/s3/blobstore/integration/S3BlobSignerLiveTest.java

\*

/opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/core/src/main/java/org/jclouds/domain/LoginCredentials.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/sqs/src/main/java/org/jclouds/sqs/xml/internal/BaseRegexQueueHandler.java

\* /opt/cola/permits/1263826759\_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/ultradns-aws/src/main/java/org/jclouds/ultradns/ws/domain/DirectionalGroup.java

```

* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/parse/DeployVirtualMachineResponse4xTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudstack/src/main/java/org/jclouds/cloudstack/features/AsyncJobApi.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/rackspace-
cloudloadbalancers/src/test/java/org/jclouds/rackspace/cloudloadbalancers/v1/features/ReportApiExpectTest.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudwatch/src/test/java/org/jclouds/cloudwatch/internal/BaseCloudWatchApiLiveTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/s3/src/main/java/org/jclouds/s3/filters/RequestAuthorizeSignatureV4.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/providers/azureblob/src/test/java/org/jclouds/azure/storage/options/CreateOptionsTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/providers/azureblob/src/main/java/org/jclouds/azureblob/domain/PublicAccess.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/docker/src/test/java/org/jclouds/docker/domain/ConfigTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/PasswordAuthenticationExpectTest.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/ec2/src/main/java/org/jclouds/ec2/xml/GetPasswordDataResponseHandler.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/providers/elastichosts-ams-
e/src/test/java/org/jclouds/elastichosts/compute/ElasticHostsAmsterdamTemplateBuilderLiveTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-master/apis/openstack-nova-
ec2/src/test/java/org/jclouds/openstack/nova/ec2/strategy/NovaReviseParsedImageTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/compute/src/main/java/org/jclouds/cim/SettingData.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/blobstore/src/test/java/org/jclouds/blobstore/binders/BindUserMetadataToHeadersWithPrefixTest.java
* /opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/apis/cloudstack/src/test/java/org/jclouds/cloudstack/options/ListTagsOptionsTest.java
*
/opt/cola/permits/1263826759_1643714786.93/0/jclouds-master-zip/jclouds-
master/blobstore/src/main/java/org/jclouds/blobstore/attr/ContainerVisibility.java

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## 1.225 eclipse-egit-github-core 4.4.1- SNAPSHOT

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@smallexample

@group

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@end group

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@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

@c End:

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```

```
<signature of Ty Coon>, 1 April 1989
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## 1.258 vault-api 1.3.0

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=====

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The contents of the testdata directory are modified versions of  
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package license

```
// Features is a bitmask of feature flags
type Features uint
```

```
const FeatureNone Features = 0
```

```
func (f Features) HasFeature(flag Features) bool {
    return false
}
```

```
otp
```

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BSON library for Go

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mgo - MongoDB driver for Go

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AWS SDK for Go

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Prometheus instrumentation library for Go applications

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Go support for Protocol Buffers - Google's data interchange format

<http://github.com/golang/protobuf/>

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Support for streaming Protocol Buffer messages for the Go language (golang).

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

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```
<PageHeader as |p|>
<p.levelLeft>
  <h1 class="title is-3">License</h1>
</p.levelLeft>
</PageHeader>
<MessageError @model={{ model }} />
{{ #if isTemporary }}
<section class="box is-sideless is-fullwidth">
```

```

<AlertBanner
  @type="warning"
  @message="Your temporary license expires in {{date-from-now expirationTime}} and your vault will seal.
Please enter a valid license below."
  @class="license-warning"
  data-test-cluster-status
  data-test-warning-text
/>
<span class="title is-5" data-test-temp-license>Temporary license</span>
<form {{action "saveModel" text on="submit"}}>
  <div class="box is-shadowless is-fullwidth is-marginless">
    <div class="field">
      <label for="license-id" class="is-label">License</label>
      <div class="control">
        {{input id="license-id" value=text autocomplete="off" class="input" data-test-text-input="data-test-text-
input"}}
      </div>
    </div>
  </div>
  <div class="field">
    <div class="control">
      <button type="submit" class="button is-primary" data-test-save-button>Save</button>
    </div>
  </div>
</form>
</section>
{{else}}
<section class="box is-sideless is-fullwidth">
  <span class="title is-5">Details</span>
  {{#if showForm}}
  <form {{action "saveModel" text on="submit"}}>
    <div class="field">
      <label for="license-id" class="is-label">License</label>
      <div class="control">
        {{input id="license-id" value=text autocomplete="off" class="input" data-test-text-input="data-test-text-
input"}}
      </div>
    </div>
    <div class="field is-grouped">
      <div class="control">
        <button type="submit" class="button is-primary" data-test-save-button>Save</button>
      </div>
      <div class="control">
        <button type="button" {{action "toggleForm"}} class="button" data-test-cancel-button>Cancel</button>
      </div>
    </div>
  </form>

```



```

    {{else}}
    <div class="field box is-fullwidth is-shadowless is-paddingless is-marginless">
      {{info-table-row label="License ID" value=licenseId}}
      {{#info-table-row label="Valid from" value=startTime}}
        {{date-format model.startTime 'MMM DD, YYYY hh:mm:ss A'}} to {{date-format expirationTime 'MMM
DD, YYYY hh:mm:ss A'}}
      {{/info-table-row}}
    </div>
    <div class="field box is-fullwidth is-shadowless is-paddingless is-marginless">
      <div class="control">
        <button type="button" {{action "toggleForm"}} class="button" data-test-enter-button>Enter new
license</button>
      </div>
    </div>
  {{/if}}
</section>
  {{/if}}
<section class="box is-sideless is-marginless is-shadowless is-fullwidth">
  <span class="title is-5">Features</span>
  <div class="field box is-fullwidth is-shadowless is-paddingless is-marginless">
    {{#each featuresInfo as |info|}}
      {{#info-table-row label=info.name value=(if
info.active "Active" "Not Active") data-test-feature-row="data-test-feature-row"}}
        {{#if info.active}}
          <Icon
            @glyph="check-circle-outline"
            @size="1"
            class="icon-true"
            aria-hidden="true"
          /><span data-test-feature-status>Active {{#if info.count}}&mdash;
{{info.count}} standby nodes allotted{{/if}}</span>
        {{else}}
          <Icon
            @glyph="cancel-circle-outline"
            @size="1"
            class="icon-false"
            aria-hidden="true"
          /><span data-test-feature-status>Not Active</span>
        {{/if}}
      {{/info-table-row}}
    {{/each}}
  </div>
</section>
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```

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<LicenseInfo

```
@startTime={{model.startTime}}
@expirationTime={{model.expirationTime}}
@licenseId={{model.licenseId}}
@features={{model.features}}
@text={{model.text}}
@saveModel={{action "saveModel"}}
@model={{model}}
```

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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//

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package github

```
import (  
    "context"  
    "fmt"  
)
```

```
// LicensesService handles communication with the license related  
// methods of the GitHub API.
```

```
//
```

```
// GitHub API docs: https://developer.github.com/v3/licenses/
```

```
type LicensesService service
```

```
// RepositoryLicense represents the license for a repository.
```

```

type RepositoryLicense struct {
    Name *string `json:"name,omitempty"`
    Path *string `json:"path,omitempty"`

    SHA    *string `json:"sha,omitempty"`
    Size   *int    `json:"size,omitempty"`
    URL    *string `json:"url,omitempty"`
    HTMLURL *string `json:"html_url,omitempty"`
    GitURL *string `json:"git_url,omitempty"`
    DownloadURL *string `json:"download_url,omitempty"`
    Type    *string `json:"type,omitempty"`
    Content *string `json:"content,omitempty"`
    Encoding *string `json:"encoding,omitempty"`
    License
        *License `json:"license,omitempty"`
}

func (l RepositoryLicense) String() string {
    return Stringify(l)
}

// License represents an open source license.
type License struct {
    Key *string `json:"key,omitempty"`
    Name *string `json:"name,omitempty"`
    URL *string `json:"url,omitempty"`

    SPDXID    *string `json:"spdx_id,omitempty"`
    HTMLURL   *string `json:"html_url,omitempty"`
    Featured  *bool   `json:"featured,omitempty"`
    Description *string `json:"description,omitempty"`
    Implementation *string `json:"implementation,omitempty"`
    Permissions *[]string `json:"permissions,omitempty"`
    Conditions *[]string `json:"conditions,omitempty"`
    Limitations *[]string `json:"limitations,omitempty"`
    Body      *string `json:"body,omitempty"`
}

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s
*LicensesService) List(ctx context.Context) ([]*License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)

```

```

if err != nil {
    return nil, nil, err
}

var licenses []*License
resp, err := s.client.Do(ctx, req, &licenses)
if err != nil {
    return nil, resp, err
}

return licenses, resp, nil
}

// Get extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(ctx context.Context, licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)

    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }

    license := new(License)
    resp, err := s.client.Do(ctx, req, license)
    if err != nil {
        return nil, resp, err
    }

    return license, resp, nil
}

```

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---

```
layout: "api"
page_title: "/sys/license - HTTP API"
sidebar_title: "<code>/sys/license</code>"
sidebar_current: "api-http-system-license"
description: |-
  The `/sys/license` endpoint is used to view and update the license used in
  Vault.
```

---

# `/sys/license`

~> **\*\*Enterprise Only\*\*** These endpoints require Vault Enterprise.

The `/sys/license` endpoint is used to view and update the license used in Vault.

### ## Read License

This endpoint returns information about the currently installed license.

| Method | Path           |
|--------|----------------|
| `GET`  | `/sys/license` |

### ### Sample Request

---

```
$ curl \
  --header "X-Vault-Token: ..." \
  http://127.0.0.1:8200/v1/sys/license
```

---

### ### Sample Response

```
```json
{
  "data": {
    "expiration_time": "2017-11-14T16:34:36.546753-05:00",
    "features": [
      "UI",
      "HSM",
      "Performance Replication",
      "DR Replication"
    ],
    "license_id": "temporary",
```

```
    "start_time": "2017-11-14T16:04:36.546753-05:00"
  },
  "warnings": [
    "time left on license is 29m33s"
  ]
}
...

```

### ## Install License

This endpoint is used to install a license into Vault.

```
| Method | Path |
|:-----|:-----|
| `PUT`  | `/sys/license` |

```

### ### Parameters

- `text` `(string: <required>)` The text of the license.

### \*DR Secondary Specific Parameters\*

- `dr\_operation\_token` `(string: <required>)` - DR operation token used to authorize this request.

### ### Sample Payload

```
```json
{
  "text": "01ABCDEFGH..."
}
...

```

### ### Sample Request

```
...
$ curl \
  --header "X-Vault-Token: ..." \
  --request PUT \
  --data @payload.json \
  http://127.0.0.1:8200/v1/sys/license
...

```

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\* AUTHOR

\* Mark Martinec <mark.martinec@ijs.si>, April 1999.

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## 1.265 wsgiref 0.1.2

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\* /opt/cola/permits/1403963770\_1661913703.6112542/0/wsgiref-0-1-2-2-zip/wsgiref-0.1.2/wsgiref/validate.py

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Metadata-Version: 1.0

Name: wsgiref

Version: 0.1.2

Summary: WSGI (PEP 333) Reference Library

Home-page: <http://cheeseshop.python.org/pypi/wsgiref>

Author: Phillip J. Eby

Author-email: [web-sig@python.org](mailto:web-sig@python.org)

License: PSF or ZPL

Description: This is a standalone release of the ``wsgiref`` library to be included in Python 2.5. For the standalone version's documentation, see:

HTML

[http://peak.telecommunity.com/wsgiref\\_docs/](http://peak.telecommunity.com/wsgiref_docs/)

PDF

<http://peak.telecommunity.com/wsgiref.pdf>

Platform: UNKNOWN

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\* /opt/cola/permits/1403963770\_1661913703.6112542/0/wsgiref-0-1-2-2-zip/wsgiref-0.1.2/wsgiref.egg-info/PKG-INFO

\* /opt/cola/permits/1403963770\_1661913703.6112542/0/wsgiref-0-1-2-2-zip/wsgiref-0.1.2/PKG-INFO

# 1.266 zap 1.23.0

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# 1.267 jax-rpc 1.1

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\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/Holder.java  
\*  
/opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/JAXRPCException.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/encoding/DeserializationContext.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/handler/Handler.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/ParameterMode.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/BigIntegerHolder.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/BooleanHolder.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/FloatHolder.java  
\*  
/opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/LongWrapperHolder.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/namespace/QName.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/ByteWrapperHolder.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/ByteArrayHolder.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/server/ServletEndpointContext.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/handler/HandlerRegistry.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/encoding/SerializationContext.java  
\*  
/opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/ShortHolder.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/FloatWrapperHolder.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/messaging/URLEndpoint.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/ByteHolder.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/encoding/XMLType.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/Constants.java  
\* /opt/cola/permits/1424335900\_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-

```

jar/javax/xml/rpc/Call.java
*
/opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/encoding/Serializer.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/Service.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/messaging/Endpoint.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/ObjectHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/IntegerWrapperHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/soap/SOAPFaultException.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/BigDecimalHolder.java
*
/opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/encoding/DeserializerFactory.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/LongHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/ServiceException.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/QNameHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/handler/soap/SOAPMessageContext.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/DoubleHolder.java
*
/opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/encoding/TypeMappingRegistry.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/CalendarHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/BooleanWrapperHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/encoding/SerializerFactory.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/ShortWrapperHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/DoubleWrapperHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/encoding/Deserializer.java
*
/opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/handler/HandlerInfo.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-

```

```

jar/javax/xml/rpc/holders/IntHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/handler/GenericHandler.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/handler/MessageContext.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/ServiceFactory.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/Stub.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/holders/StringHolder.java
*
/opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/server/ServiceLifecycle.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/encoding/TypeMapping.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-
jar/javax/xml/rpc/FactoryFinder.java

```

# 1.268 ecj 3.26.0

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*   Stephan Herrmann - Contributions for
*     bug 349326 - [1.7] new warning for missing try-with-resources
*     bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 358903 - Filter practically unimportant resource leak warnings
*   bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject
into account
*   bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*   Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*   Jesper S Moller <jesper@selskabet.org> - Contributions for

```

\* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable  
\* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for  
\* bug 386692 - Missing "unused" warning on "autowired" fields  
\* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for  
\* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown  
when using MethodSource  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/TypeIds.java  
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jar/org/eclipse/jdt/internal/compiler/classfmt/RecordComponentInfo.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/env/IRecordComponent.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredOpensStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleStatement.java  
\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredUsesStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfModule.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredExport.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ExportsStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredProvidesStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredTypeReference.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredExportsStatement.java  
\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredPackageVisibilityStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleReference.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/parser/RecoveredRequiresStatement.java

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jar/org/eclipse/jdt/internal/compiler/classfmt/AnnotationMethodInfoWithTypeAnnotations.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/flow/FieldInitsFakingFlowContext.java

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\* Contributors:

\* wharley@bea.com - initial API and implementation

\* IBM Corporation - fix for 342598

\* IBM Corporation - Java 8 support

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jar/org/eclipse/jdt/internal/compiler/apt/model/ArrayTypeImpl.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryModule.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IUpdatableModule.java  
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\* wharley@bea.com - initial API and implementation  
\* philippe.marschall@netcetera.ch - Fix for 338370  
\* IBM Corporation - Fix for validating relative name  
\*\*\*\*\*/

Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchFileImpl.java  
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jar/org/eclipse/jdt/internal/compiler/util/HashtableOfPackage.java



\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/BranchStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocAllocationExpression.java  
\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemPackageBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocMessageSend.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/CaseStatement.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/ParserBasicInformation.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFormatException.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/ConflictedParser.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/diagnose/DiagnoseParser.java  
\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/QualifiedTypeReference.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/TerminalTokens.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/core/compiler/CategorizedProblem.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredStatement.java  
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\* Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking

\* Jesper Steen Moeller - Contribution for bug 406973 - [compiler] Parse MethodParameters attribute

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 407191 - [1.8] Binary access support for type annotations

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Found

in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/MethodInfo.java

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\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/LabelFlowContext.java

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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* Bug 328281 - visibility leaks not detected when analyzing unused field in private class

\* Bug 300576 - NPE Computing type hierarchy when compliance doesn't match libraries

\* Bug 354536 - compiling package-info.java still depends on the order of compilation units

\* Bug 349326 - [1.7] new warning for missing try-with-resources

\* Bug

358903 - Filter practically unimportant resource leak warnings

\* Bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class

\* Bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

- \* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
- \* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
- \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
- \* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
- \* Bug 444024 - [1.8][compiler][null] Type mismatch error in annotation generics assignment which happens "sometimes"
- \* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com -

Contributions for

- \* Bug 415821 - [1.8][compiler] CLASS\_EXTENDS target type annotation missing for anonymous classes
- \* het@google.com - Bug 456986 - Bogus error when annotation processor generates annotation type
- \* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for Bug 473178

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ClassScope.java

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\* bug 343713 - [compiler] bogus line number in constructor of inner class in 1.5 compliance

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor

\* bug 368546 - [compiler][resource] Avoid

remaining false positives found when compiling the Eclipse SDK

\* bug 383690 - [compiler] location of error re uninitialized final field should be aligned

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code generator  
\* Ulrich Grave <ulrich.grave@gmx.de> - Contributions  
for  
\* bug 386692 - Missing "unused" warning on "autowired" fields

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\* Bug 440474 - [null] textual encoding of external null annotations

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\* Stephan Herrmann - Contributions for

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files

\* Bug 392099

- [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations

\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

\* Bug 412076 - [compiler] @NonNullByDefault doesn't work for varargs parameter when in generic interface

\* Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument

annotations

- \* Bug 415850 - [1.8] Ensure RunJDTCORETests can cope with null annotations enabled
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 416175 - [1.8][compiler][null] NPE with a code snippet that used null annotations on wildcards
- \* Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations
- \* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
- \* Bug 400874 - [1.8][compiler]

Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

- \* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
- \* Bug 425278 - [1.8][compiler] Suspect error: The target type of this expression is not a well formed parameterized type due to bound(s) mismatch
- \* Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType
- \* Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
- \* Bug 426563 - [1.8] AIOOBE when method with error invoked with lambda expression as argument
- \* Bug 426792 - [1.8][inference][impl] generify new type inference engine
- \* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
- \* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
- \* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
- \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
- \* Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
- \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
- \* Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
- \* Bug 390064 - [compiler][resource] Resource leak warning missing when extending parameterized class
- \* Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
- \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedTypeBinding.java

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- \* Stephan Herrmann - Contribution for
- \* bug 349326 - [1.7] new warning for missing try-with-resources

- \* bug 370930 - NonNull annotation not considered for enhanced for loops
  - \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
  - \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
  - \* bug 393719 - [compiler] inconsistent warnings
- on iteration variables
- \* Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
  - \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
  - \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
  - \* Bug 415790 - [compiler][resource] Incorrect potential resource leak warning in for loop with close in try/catch
  - \* Jesper S Moller - Contribution for
  - \* bug 401853 - Eclipse Java compiler creates invalid bytecode (java.lang.VerifyError)
  - \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \*\*\*\*\*/

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\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
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*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 365519 - editorial cleanup after bug 186342 and bug 365387
*     Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
*     Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*     Bug 435570 - [1.8][null] @NonNullByDefault
  illegally tries to affect "throws E"
*     Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this
location
*     Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
*****/

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 *   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
 *     Bug 473178
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 *   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
 *     bug 185682 - Increment/decrement operators mark local variables as read
 *     bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
 *     bug 331649 - [compiler][null] consider null annotations for fields
 *     bug 383368 - [compiler][null] syntactic null analysis for field references
 *     bug 392384 - [1.8][compiler][null] Restore nullness
 * info from type annotations in class files
 *   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
 *   Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
 *   Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
 */
```

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*     bug 407191 - [1.8] Binary access support for type annotations
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* Contributors:
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*   Stephan Herrmann - Contribution for
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*/
```

Found in path(s):

```
*/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/ContinueStatement.java
```

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\* IBM Corporation - Fix for bug 328575  
\* het@google.com - Bug 415274 - Annotation processing throws a NPE in getElementsAnnotatedWith()  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/dispatch/RoundEnvImpl.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/model/ModuleElementImpl.java  
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*
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*   Stephan Herrmann - Contributions for
*     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
*     bug 349326 - [1.7] new warning for missing try-with-resources
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*     Bug 415790
- [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/WhileStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/ForStatement.java
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*   Stephan Herrmann - contributions for
*     bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
*     bug 186342 - [compiler][null] Using annotations for null checking

```

\*\*\*\*\*/

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/Compiler.java
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*     bug 349326 - [1.7] new warning for missing try-with-resources
*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 370639 - [compiler][resource] restore the default for resource leak warnings
*     bug 265744 - Enum switch should warn about missing default
*     bug 374605 - Unreasonable warning for enum-based switch statements
*     bug 381443
*   - [compiler][null] Allow parameter widening from @NonNull to unannotated
*     Bug 441208 - [1.8][null] SuppressWarnings("null") does not suppress / marked Unnecessary
*     Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*****/
```

Found in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/IrritantSet.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ImplicitNullAnnotationVerifier.java
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*   Stephan Herrmann - Contributions for
*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 365519 - editorial cleanup after bug 186342 and bug 365387
*     Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*****/
```

Found in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/MemberValuePair.java
```

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*   BEA - Patch for bug 172743
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jar/org/eclipse/jdt/internal/compiler/AbstractAnnotationProcessorManager.java
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jar/org/eclipse/jdt/internal/compiler/lookup/ReferenceBindingSetWrapper.java  
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\* wharley@bea.com - initial API and implementation  
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jar/org/eclipse/jdt/internal/compiler/apt/model/IElementInfo.java  
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\* Stephan Herrmann - Contribution for  
\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\* Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds  
\* Bug 441797 - [1.8] synchronize type annotations on capture and its wildcard  
\* Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker  
hint from applicability analysis  
\* Bug 456924 - StackOverflowError during compilation



- \* Bug 462790 - [null] NPE in Expression.computeConversion()
  - \* Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
  - \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/CaptureBinding.java

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\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* bug 388795 - [compiler] detection of name clash depends on order of super interfaces

\* bug 388739 - [1.8][compiler] consider default methods when detecting whether

a class needs to be declared abstract

\* bug 390883 - [1.8][compiler] Unable to override default method

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 401246 - [1.8][compiler] abstract class method should now trump conflicting default methods

\* bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method

\* bug 403867 - [1.8][compiler] Suspect error about duplicate default methods

\* bug 391376 - [1.8] check interaction of default methods with bridge methods and generics

\* bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795

\* bug 409473 - [compiler] JDT cannot compile against JRE 1.8

\* Bug 420080 - [1.8] Overridden Default method is reported as duplicated

\* Bug 404690 - [1.8][compiler] revisit bridge generation after VM bug is fixed

\* Bug 410325 - [1.7][compiler] Generified method override different between javac and eclipse compiler

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.

\* Bug 440773 - [1.8][null]DefaultLocation.RETURN\_TYPE erroneously affects method parameters in

@NonNullByDefault

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations

\* Bug 446442 - [1.8] merge null annotations from super methods

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MethodVerifier15.java

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\* Stephen Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 317046 - Exception during debugging when hover mouse over a field

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types

\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class

files

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"

\* Bug 424712 - [1.8][compiler] NPE in TypeBinding.isProvablyDistinctTypeArgument

- \* Bug 426792 - [1.8][inference][impl] generify new type inference engine
- \* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
- \* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
- \* Bug 427626 - [1.8] StackOverflow while typing new ArrayList<String>().toArray( and asking for code completion
- \* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
- \* Bug 435962 - [RC2] StackOverFlowError when building
- \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
- \* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
- \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
- \* Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
- \* Jesper S Moller <jesper@selskabet.org> - Contributions for
- \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
- \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

\*\*\*\*\*/

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\* bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 265744 - Enum switch should warn about missing default

\* bug 374605 - Unreasonable warning for enum-based switch statements

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

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*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*       bug 358903 - Filter practically unimportant resource leak warnings
*       Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure
*       should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*       Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*       Bug 427411 - [1.8][generics] JDT reports type mismatch when using method that returns generic type
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*       Bug 435962 - [RC2] StackOverflowError when building
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/WildcardBinding.java

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*   Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*****/

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\* Stephan Herrmann - Contribution for

\* Bug 440687 - [compiler][batch][null] improve command line option for external annotations

\* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for

\* Bug 473178

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Found in path(s):

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\* tyeung@bea.com - initial API and implementation

\* olivier\_thomann@ca.ibm.com - add hashCode() and equals(..) methods

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/env/EnumConstantSignature.java

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jar/org/eclipse/jdt/internal/compiler/lookup/ReductionResult.java

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\* wharley@bea.com - derived base class from BatchMessengerImpl

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/CompactConstructorDeclaration.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TextBlock.java

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\* Stephan Herrmann - initial API and implementation

\* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for

\* Bug 473178

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ConstraintFormula.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ConstraintExceptionFormula.java

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*   IBM Corporation - initial API and implementation
*   Perry James - nullStatus method improvement (165346)
*   Stephan Herrmann - Contribution for
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*****/
```

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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/OperatorExpression.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/RequiresStatement.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/messages.properties
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/antadapter/messages.properties
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/batch/messages.properties
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/problem/messages.properties
```



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jar/org/eclipse/jdt/internal/compiler/ProcessTaskManager.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/StackMapFrame.java
```

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/dispatch/ProcessorInfo.java  
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jar/org/eclipse/jdt/internal/compiler/util/Sorting.java  
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jar/org/eclipse/jdt/internal/compiler/tool/ModuleLocationHandler.java

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jar/org/eclipse/jdt/internal/compiler/ReadManager.java
```

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* Contributors:  
*   Frits Jalvingh - fix for bug 533830.  
*/
```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/tool/ExceptionDiagnostic.java
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* Contributors:
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*   Stephan Herrmann - Contribution for
*     Bug 432977 - [1.8][null] Incorrect 'type is not visible' compiler error
*     Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
*****/
/* Taking the binding of QTR as an example, there could be different annotatable components, but we come in a
with a single binding, e.g:

@T Z;                type => Z annotations => [[@T]]
  @T Y.@T Z          type => Z annotations => [[@T][@T]]
  @T X.@T Y.@T Z     type => Z annotations => [[@T][@T][@T]]
  java.lang.@T X.@T Y.@T Z   type => Z annotations => [[[]][@T][@T][@T]]
  in all these cases the incoming type binding is for Z, but annotations are for different levels. We need to align their
layout for proper attribution.
*/

```

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/AnnotatableTypeSystem.java
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* Contributors:
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*   Erling Ellingsen - patch for bug 125570
*   Stephan Herrmann - Contribution for
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*   Sebastian Zarnekow - Contribution for
*     Bug 544921 - [performance] Poor performance with large source files
*****/

```

Found

in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/CompilationUnitScope.java

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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE

\* bug 292478 - Report potentially null across variable assignment

\* bug 335093 - [compiler][null] minimal hook for future null annotation support

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 358903 - Filter practically unimportant resource leak warnings

\* bug 370639 - [compiler][resource] restore the default for resource leak warnings

\* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations

\* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'

\* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 430150 - [1.8][null] stricter checking against type variables

\* Bug 453483 - [compiler][null][loop] Improve null analysis for loops

\* Jesper S Moller - Contributions for

\* Bug 378674 - "The method can be declared as static" is wrong

\* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

\* Bug 529556 - [18.3] Add content assist support for 'var' as a type

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation

\* Bug 426616 - [1.8][compiler] Type Annotations, multiple problems

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/ast/LocalDeclaration.java

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\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK

\* bug 382353 - [1.8][compiler] Implementation property modifiers should

be accepted on default methods.

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables

\* Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this

location

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations

\* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param

\* Jesper S Moller <jesper@selskabet.org> - Contributions for

\* bug 378674 - "The method can be declared as static" is wrong

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jar/org/eclipse/jdt/internal/compiler/ast/MethodDeclaration.java

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org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
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jar/org/eclipse/jdt/internal/compiler/ast/ExpressionContext.java

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\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 367203 - [compiler][null] detect assigning null to nonnull argument

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 365662 - [compiler][null] warn on contradictory and redundant null annotations

\* bug 365531 - [compiler][null] investigate alternative strategy for internally

encoding nullness defaults

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.

\* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this

location

\* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable

\* Bug 443347 - [1.8][null]

@NonNullByDefault should not affect constructor arguments of an anonymous instantiation

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations

\* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param

\* Bug 456584 - [1.8][null] Bogus warning for return type variable's @NonNull annotation being 'redundant'

\* Bug 471611 - Error on hover on call to generic method with null annotation

\* Jesper Steen Moller - Contributions for

\* Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing

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\* Stephan Herrmann - Contribution for bug 295551

\* Jesper S Moller - Contributions for

\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335

\* Frits Jalvingh - contributions for bug 533830.

\* Red Hat Inc. - add module-info Javadoc support

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jar/org/eclipse/jdt/internal/compiler/ast/CompilationUnitDeclaration.java

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\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

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jar/org/eclipse/jdt/internal/compiler/flow/SwitchFlowContext.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/ast/BreakStatement.java

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\* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression

\* Bug 384687 - [1.8] Wildcard type arguments should be rejected for lambda and reference expressions

\* Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)

\* Stephan Herrmann - Contribution for

\* bug 402028 - [1.8][compiler] null analysis for reference

expressions

\* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super via I.super.m() syntax

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

- \* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
- \* Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to Files::walk
- \* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
- \* Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
- \* Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
- \* Bug 427438
- [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
- \* Bug 428264 - [1.8] method reference of generic class causes problems (wrong inference result or NPE)
- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
- \* Bug 426537 - [1.8][inference] Eclipse compiler thinks I<? super J> is compatible with I<J<?>> - raw type J involved
- \* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
- \* Bug 435689 - [1.8][inference] Type inference not occurring with lambda expression and method reference
- \* Bug 438383 - [1.8][null] Bogus warning: Null type safety at method return type
- \* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
- \* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
- \* Bug 438945 - [1.8] NullPointerException  
InferenceContext18.checkExpression in java 8 with generics, primitives, and overloading
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
- \* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
- \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
- \* Bug 470542 - NullPointerException in ReferenceExpression.isPotentiallyCompatibleWith (962)
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contribution for  
Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ReferenceExpression.java

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\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables

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in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BaseTypeBinding.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/ast/RecordComponent.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/JavadocModuleReference.java  
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*   IBM Corporation - bug fixes  
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jar/org/eclipse/jdt/internal/compiler/lookup/TypeBound.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/Archive.java

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\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions

\* bug 403086 - [compiler][null] include the effect of 'assert'

in syntactic null analysis for fields

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/EqualExpression.java

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\* Stephan Herrmann - Contribution for  
\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
\* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check  
\* Bug 453483 - [compiler][null][loop] Improve null analysis for loops  
\* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment  
\*\*\*\*\*/

Found

in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/ExceptionHandlingFlowContext.java

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\* Stephan Herrmann - Contributions for  
\* bug 365662 - [compiler][null] warn on contradictory and redundant null annotations  
\* bug 401030 - [1.8][null] Null analysis support for lambda methods.  
\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
\*\*\*\*\*/

Found

in path(s):

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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contribution for bug 185682 - Increment/decrement operators  
mark local variables as read

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/JavadocFieldReference.java

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  - \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
  - \* Bug 407191 - [1.8] Binary access support for type annotations
- \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryField.java

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\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 358903 - Filter practically unimportant resource leak warnings

\* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types

\* bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account

\* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions

\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations

\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables

\* Bug

400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"

\* Bug 426792 - [1.8][inference][impl] generify new type inference engine

\* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.

\* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource

\* Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 431581 - Eclipse compiles what it should not

\* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable



- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 446442 - [1.8] merge null annotations from  
super methods
- \* Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error  
messages
- \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),  
Collection#remove(Object) et al.
- \* Jesper S Moller - Contributions for
- \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
- \* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
- \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
- \* bug 386692 - Missing "unused" warning on "autowired" fields
- \* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
- \* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown  
when using MethodSource
- \* Sebastian Zarnekow - Contributions  
for
- \* bug 544921 - [performance] Poor performance with large source files

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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*   Stephan Herrmann - Contribution for
*     Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
*****/

```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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\* bug 370639 - [compiler][resource] restore the default for resource leak warnings  
\* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'  
\* Bug 417758 - [1.8][null] Null safety compromise during array creation.  
\* Bug 427438 - [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)

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\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files

\* Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations

\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables

\* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"

\* Bug 425783 - An

internal error occurred during: "Requesting Java AST from selection". java.lang.StackOverflowError

\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables

\* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull

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\* bug 185682 - Increment/decrement operators mark local variables as read

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365519 - editorial cleanup after bug 186342 and bug 365387

\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK

\* bug 345305 - [compiler][null]

Compiler misidentifies a case of "variable can only be null"

\* Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first field

\* Bug 458396 - NPE in CodeStream.invoke()

\* Jesper S Moller - Contributions for

\* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check

\* Jesper S Moller <jesper@selskabet.org> - Contributions for

\* bug 378674 - "The method can be declared as static" is wrong

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- \* Stephan Herrmann - Contributions for
- \* bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
- \* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
- \* bug 349326 - [1.7] new warning for missing try-with-resources
- \* bug 186342 - [compiler][null] Using annotations for null checking
- \* bug 358903 - Filter practically unimportant resource
- leak warnings
- \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
- \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
- \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
- \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
- \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
- \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 424727 - [compiler][null] NullPointerException in  
nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
- \* Bug 424710  
- [1.8][compiler] CCE in SimpleNameReference.localVariableBinding
- \* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
- \* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
- \* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
- \* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
- \* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
- \* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
- \* Bug 424930 - [1.8][compiler] Regression: "Cannot infer type arguments" error from compiler.
- \* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
- \* Bug 427438 - [1.8][compiler] NPE at  
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
- \* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
- \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
- \* Bug 429203 - [1.8][compiler] NPE in AllocationExpression.binding
- \* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
- \* Bug 434297 - [1.8] NPE in LamdaExpression.analyseCode with lamda expression nested in a conditional expression
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
- \* Jesper S Moller <jesper@selskabet.org> - Contributions for
- \* bug 378674 - "The method can be declared as static" is wrong
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
- \* Bug 383624 - [1.8][compiler] Revive  
code generation support for type annotations (from Olivier's work)
- \* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic  
bridge method
- \* Till Brychcy - Contributions for

\* bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File  
\* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for  
\* Bug 473178

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\* Stephan Herrmann - Contributions for

- \* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
- \* bug 186342 - [compiler][null] Using annotations for null checking
- \* bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor
- \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
- \* bug 388996 - [compiler][resource] Incorrect

'potential resource leak'

- \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
  - \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
  - \* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
  - \* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
  - \* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
  - \* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
  - \* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
  - \* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
  - \* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
  - \* Bug 427438 - [1.8][compiler]
- NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
- \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
  - \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
  - \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
  - \* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method

\*\*\*\*\*/

Found in path(s):

- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ExplicitConstructorCall.java

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  - \* Stephan Herrmann - Contributions for
  - \* bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
  - \* bug 186342 - [compiler][null] Using annotations for null checking
  - \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
  - \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
  - \* bug 345305 - [compiler][null]
- Compiler misidentifies a case of "variable can only be null"
- \* bug 383368 - [compiler][null] syntactic null analysis for field references
  - \* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
  - \* bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields

- \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
  - \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
  - \* Bug 455723 - Nonnull argument not correctly inferred in loop
  - \* Bug 415790 - [compiler][resource] Incorrect potential resource leak warning in for loop with close in try/catch
  - \* Bug 446691 - [1.8][null][compiler] NullPointerException in SingleNameReference.analyseCode
- \*\*\*\*\*/

Found in path(s):

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\* Stephan Herrmann - Contributions for

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points

\* bug 358903 - Filter practically unimportant resource leak warnings

\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK

\* bug 370639 - [compiler][resource]

restore the default for resource leak warnings

\* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'

\* bug 379784 - [compiler] "Method can be static" is not getting reported

\* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional

\* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop

\* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment

\* Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream - return inside for loop)

\* Bug 396575 - [compiler][resources] Incorrect Errors/Warnings check for potential resource leak when surrounding with try-catch

\* Jesper S Moller <jesper@selskabet.org> - Contributions for

\* bug 378674 - "The method can be declared as static" is wrong

\* Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends the outer class

\*\*\*\*\*/



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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BlockScope.java

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\* Stefan Xenos (Google) - Initial implementation

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\* IBM Corporation - fix for 342598, 382590

\* Jean-Marie Henaff <jmhenaff@google.com> (Google) - Bug 481555

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/TypesImpl.java

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*     bug 185682 - Increment/decrement operators mark local variables as read
*     bug 331649 - [compiler][null] consider null annotations for fields
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException: info cannot be null
*     Bug 400874 - [1.8][compiler]
*   Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*     Bug 458396 - NPE in CodeStream.invoke()
*   Jesper S Moller - Contributions for
*     Bug 378674 - "The method can be declared as static" is wrong
*   Robert Roth <robert.roth.off@gmail.com> - Contributions for
*     Bug 361039 - NPE in FieldReference.optimizedBooleanConstant
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/FieldReference.java

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*   Stephan Herrmann - Contribution for
*     Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*****/

```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/batch/FileSystem.java

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*   Stephan Herrmann - Contributions for
*     Bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
*     Bug 388630 - @NonNull diagnostics at line 0
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*     Bug 424727 - [compiler][null] NullPointerException
in nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
*     Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*     Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends
the outer class
*     Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
*       Bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
*       Bug 546084 - Using Junit 5s MethodSource leads to ClassCastException
*****/

```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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- \* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
- \* Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
- \* Bug 426542 - [1.8] Most specific method not picked when one method has intersection type as type parameter
- \* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
- \* Andy

Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

- \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
- \* Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
- \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

\*\*\*\*\*/

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/IntersectionTypeBinding18.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashSetOfInt.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/core/compiler/InvalidInputException.java

\*

/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/BranchLabel.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/ObjectVector.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/VerificationTypeInfo.java

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\* Jesper Steen Moller - Contributions for:  
\* Bug 412149: [1.8][compiler] Emit repeated annotations into the designated container  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/SingleMemberAnnotation.java

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\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking

\* Bug 417758 - [1.8][null] Null safety compromise during array creation.

\* Bug  
427163 - [1.8][null] bogus error "Contradictory null specification" on varargs  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)  
\* Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ArrayAllocationExpression.java  
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\* bug 185682 - Increment/decrement operators mark local variables as read  
\* bug 331649 - [compiler][null] consider null annotations for fields  
\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.  
\* Bug 447088 - [null] @Nullable on fully qualified field type is ignored  
\* Bug 435805 - [1.8][compiler][null]  
Java 8 compiler does not recognize declaration style null annotations  
\* Bug 458396 - NPE in CodeStream.invoke()  
\* Bug 446217 - [null] @NonNullByDefault in package-info.java causes bogus "null type safety" warning  
\* Till Brychcy - Contribution for  
\* bug 467094 - [1.8][null] TYPE\_USE NullAnnotations of array contents are applied to field.

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/FieldBinding.java  
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\* Bug 407191 - [1.8] Binary access support for type annotations  
\*\*\*\*\*/

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\* Bug 473178  
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\* Nikolay Metchev (nikolaymetchev@gmail.com) - Contributions for  
\* bug 411098 - [compiler][resource] Invalid Resource Leak Warning using ternary operator inside try-with-resource  
\*\*\*\*\*/

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jar/org/eclipse/jdt/internal/compiler/parser/RecoveryScannerData.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/SimpleSetOfCharArray.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/CachedIndexEntry.java  
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jar/org/eclipse/jdt/internal/compiler/lookup/SortedCompoundNameVector.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/SortedCharArrays.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/SortedSimpleNameVector.java  
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\* Jesper S Moller - Contributions for

\* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression

\* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment

\* Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)

\* Stephan Herrmann - Contribution for

\* bug 401030 - [1.8][null] Null analysis support for lambda methods.

\* Bug 392099

- [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"

\* Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType

\* Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression

\* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation

\* Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType

\* Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error

\* Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.

\* Bug 426563 - [1.8] AIOOBE when method with error

invoked with lambda expression as argument

\* Bug 420525 - [1.8] [compiler] Incorrect error "The type Integer does not define sum(Object, Object) that is applicable here"

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>

\* Bug 428786 - [1.8][compiler] Inference needs to compute the "ground target type" when reducing a lambda compatibility constraint

\* Bug 428980 - [1.8][null] simple expression as lambda body doesn't leverage null annotation on argument

\* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)

- \* Bug 432110 - [1.8][compiler] nested lambda type incorrectly inferred vs javac
  - \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
  - \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
  - \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
  - \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
  - \* Bug 455723 - Nonnull argument not correctly inferred in loop
  - \* Bug 463728 - [1.8][compiler][inference] Ternary operator in lambda derives wrong type
  - \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
- \*\*\*\*\*/

Found in path(s):

\*/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/LambdaExpression.java

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- \* Walter Harley - Patch for ensuring the parent folders are created

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Found in path(s):

\*/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/EclipseFileObject.java

\*/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseFileObject.java

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\* Contributors:  
\* wharley@bea.com - initial API and implementation  
\* IBM Corporation - fix for 342598  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/DeclaredTypeImpl.java  
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\* Stephan Herrmann - Contribution for  
\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\*\*\*\*\*

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/AbstractVariableDeclaration.java  
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\* tyeung@bea.com - initial API and implementation  
\* IBM Corporation - fix for bug 342757  
\* Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/MethodInfoWithParameterAnnotations.java  
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\* David Foerster - patch for toUpperCase as described in [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=153125](https://bugs.eclipse.org/bugs/show_bug.cgi?id=153125)  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/ScannerHelper.java  
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\* Stephan Herrmann - Contributions for  
\* bug 186342 - [compiler][null] Using annotations for null checking  
\* bug 365519 - editorial cleanup after bug 186342 and bug 365387  
\* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/PackageBinding.java

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 *   Jesper S Moller - Contributions for
 *     Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
 *     Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
 *     Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
 *     Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
 *     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com
 *   - Contributions for
 *     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
 *     Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
 *     Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
 *     Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped
 *     Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code
generator
 *     Bug 415470 - [1.8][compiler] Type annotations on class declaration go vanishing
 *     Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
 *     Bug 434556 - Broken class file generated for incorrect annotation usage
 *     Bug 442416
 *   - $deserializeLambda$ missing cases for nested lambdas
 *   Stephan Herrmann - Contribution for
 *     Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
 *   Olivier Tardieu tardieu@us.ibm.com - Contributions for
 *     Bug 442416 - $deserializeLambda$ missing cases for nested lambdas
 */
```

Found in path(s):

```
*/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ClassFile.java
```

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/InferenceSubstitution.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/classfmt/TypeAnnotationWalker.java  
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jar/org/eclipse/jdt/internal/compiler/ast/StringLiteralConcatenation.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ICompilerRequestor.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/env/AccessRestriction.java  
\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/parser/diagnose/RangeUtil.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/OperatorIds.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/env/AccessRule.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/FalseLiteral.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFileStruct.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/env/IDependent.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/lookup/ProblemBinding.java  
 \*  
 /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/util/HashtableOfIntValues.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/util/SimpleLookupTable.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/env/ISourceImport.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/problem/AbortMethod.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/problem/ShouldNotImplement.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/parser/RecoveredImport.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/util/HashtableOfType.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/ast/SubRoutineStatement.java  
 \*  
 /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/codegen/DoubleCache.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/lookup/InnerEmulationDependency.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/ast/JavadocReturnStatement.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/problem/AbortCompilationUnit.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/parser/NLSTag.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/ast/PrefixExpression.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/IDebugRequestor.java  
 \*  
 /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/ast/TrueLiteral.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/util/SimpleSet.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/ast/CharLiteral.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/antadapter/AntAdapterMessages.java  
 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-



jar/org/eclipse/jdt/internal/compiler/problem/AbortType.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfObjectToInt.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/problem/AbortCompilation.java  
\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/IProblemFactory.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/SyntheticFieldBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfInt.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/FloatCache.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/ImportConflictBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/ExtendedStringLiteral.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/Label.java  
\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/AnnotationHolder.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/classfmt/InnerClassInfo.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/PostfixExpression.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/JavadocArrayQualifiedTypeReference.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfLong.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/ProblemFieldBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/JavadocSingleNameReference.java  
\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/IntegerCache.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/codegen/ObjectCache.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/SyntheticArgumentBinding.java  
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jar/org/eclipse/jdt/internal/compiler/ast/MagicLiteral.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedFieldBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfObjectToIntArray.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/LongCache.java

\*

/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/CaseLabel.java

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\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/VoidTypeBinding.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/NullTypeBinding.java

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\* bug 331649 - [compiler][null] consider null annotations for fields

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 458396 - NPE in CodeStream.invoke()

\*\*\*\*\*/

Found in path(s):

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\* Jesper S Moller - Contributions for

\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335

\* Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas

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in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFileConstants.java

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```

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/DoubleLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/NumberLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/LongLiteral.java
*
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/flow/InitializationFlowContext.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/IntLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/FloatLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/IntLiteralMinValue.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/InferenceContext.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/LongLiteralMinValue.java

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*   Stephan Herrmann - Contributions for
*       bug 332637 - Dead Code detection removing code that isn't dead
*       bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
*       bug 358903 - Filter practically unimportant resource
leak warnings
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   bug 401088 - [compiler][null] Wrong warning "Redundant null check" inside nested try statement
*   bug 401092 - [compiler][null] Wrong warning "Redundant null check" in outer catch of nested try
*   bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*   bug 384380 - False positive on a ?? Potential null pointer access ?? after a continue
*   Bug 415790 - [compiler][resource] Incorrect potential resource leak warning in for loop with close in try/catch
*   Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop
*   Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream -
return inside for loop)
*   Jesper Steen Moller -
Contributions for
*   bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*
*****/

```

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
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\* Nick Teryaev - fix for bug ([https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=40752](https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752))

\* Stephan Herrmann - Contributions for

\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug

383368 - [compiler][null] syntactic null analysis for field references

\* bug 401017 - [compiler][null] casted reference to @Nullable field lacks a warning

\* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 430150 - [1.8][null] stricter checking against type variables

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style

null annotations

\* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null

\* Andy Clement (GoPivotal, Inc) [aclement@gopivotal.com](mailto:aclement@gopivotal.com) - Contributions for

\* Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped

\*\*\*\*\*  
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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/CastExpression.java

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 \* bug 367203 - [compiler][null] detect assigning null to nonnull argument  
 \* bug 365519 - editorial cleanup after bug 186342 and bug 365387  
 \* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults  
 \* bug 382353 - [1.8][compiler] Implementation property modifiers  
 should be accepted on default methods.  
 \* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \* bug 388281 - [compiler][null] inheritance of null annotations as an option  
 \* bug 401030 - [1.8][null] Null analysis support for lambda methods.  
 \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
 \* Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument  
 annotations  
 \* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.  
 \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
 \* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"  
 \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize  
 declaration style null annotations  
 \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param  
 \*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/ast/AbstractMethodDeclaration.java

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\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ElementValuePair.java  
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 *     bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
 *     Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
 *     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
 *   Jesper Steen Moller - Contributions for
 *     Bug 412150 [1.8] [compiler]
 *       Enable reflected parameter names during annotation processing
 */
```

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 *     bug 186342 - [compiler][null] Using annotations for null checking
 *     bug 365519 - editorial cleanup after bug 186342 and bug 365387
 *     bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
 *     bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
 *     bug 385626 - @NonNull fails across
 *     loop boundaries
 *     bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
```

- \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
  - \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
  - \* Bug 455723 - Nonnull argument not correctly inferred in loop
  - \* Jesper S Moller - Contributions for
  - \* bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
- \*\*\*\*\*/

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 \* Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code generator

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- \* IBM Corporation - fix for 342598
- \* IBM Corporation - Java 8 support

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- \* bug 332637 - Dead Code detection removing code that isn't dead

- \* bug 391517 - java.lang.VerifyError on code that runs correctly in Eclipse 3.7 and eclipse 3.6

- \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional

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\* bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment  
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\* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults  
\* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
\* bug  
392862 - [1.8][compiler][null] Evaluate null annotations on array types  
\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files  
\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
\* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations  
\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
\* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled  
\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
\* Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations  
\* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking  
\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.  
\* Bug 416190 - [1.8][null]  
detect incompatible overrides due to null type annotations  
\* Bug 424624 - [1.8][null] if a static-object with annotation @NonNull is used, a warning is shown  
\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables  
\* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type  
\* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations  
\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
\* Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)  
\* Bug 457079 - Regression: type inference  
\* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation  
\* Bug 455180 - IllegalStateException in AnnotatableTypeSystem.getRawType  
\* Bug 470467 - [null] Nullness of special Enum methods not detected from .class file  
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\* Bug 458396 - NPE in CodeStream.invoke()

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\* bug 292478 - Report potentially null across variable assignment

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 383368 - [compiler][null] syntactic null analysis for field

references

\* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic

\* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check

\* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred

checking

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 426792 - [1.8][inference][impl] generify new type inference engine

\* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 426996 - [1.8][inference]

try to avoid method Expression.unresolve()?

\* Bug 428274 - [1.8] [compiler] Cannot cast from Number to double

\* Bug 428352 - [1.8][compiler] Resolution errors don't always surface

\* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression

\* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for

\* Bug 473178

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/ast/Expression.java

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\* wharley@bea.com - initial API and implementation

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchMessengerImpl.java

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jar/org/eclipse/jdt/internal/compiler/lookup/AnnotationBinding.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/parser/AbstractCommentParser.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/IQualifiedTypeResolutionListener.java

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\* wharley@bea.com - initial API and implementation  
\* IBM Corporation - fix for 342598

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\* Contributors:

\* wharley@bea.com - initial API and implementation  
\* (originally in org.eclipse.jdt.apt.core)  
\* IBM Corporation - Bug 513790

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/ManyToMany.java

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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 185682 - Increment/decrement operators mark local variables as read
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 331649 - [compiler][null] consider
*       null annotations for fields
*       Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
*   Jesper S Møller <jesper@selskabet.org> - Contributions for
*       Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/LocalVariableBinding.java

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jar/org/eclipse/jdt/internal/compiler/lookup/PolymorphicMethodBinding.java

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\* Contributors:

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\* Stephan Herrmann - Contributions for

\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK

\* bug 370639 - [compiler][resource] restore the

default for resource leak warnings

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'

\* bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class

\* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking

\* Bug 415850 - [1.8] Ensure RunJDTCORETests can cope with null annotations enabled

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 416267 - NPE in QualifiedAllocationExpression.resolveType

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 424415 - [1.8][compiler] Eventual

resolution of ReferenceExpression is not seen to be happening.

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Jesper S Moller <jesper@selskabet.org> - Contributions for

\* bug 378674 - "The method can be declared as static" is wrong

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method

\* Till Brychcy - Contributions for

\* bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/QualifiedAllocationExpression.java  
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\* Benjamin Muskalla - Contribution for bug 239066

\* Stephan Herrmann - Contributions for

\* bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used

\* bug 295551 - Add option to automatically promote all warnings to errors

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug

370639 - [compiler][resource] restore the default for resource leak warnings

\* bug 366063 - Compiler should not add synthetic @NonNull annotations

\* bug 374605 - Unreasonable warning for enum-based switch statements

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations

\* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),

Collection#remove(Object) et al.

\* Jesper Steen Moller - Contributions for

\* bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code

\* bug 407297 - [1.8][compiler] Control generation of parameter names by option

\*\*\*\*\*/

Found

in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/CompilerOptions.java

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 \* bug 349326 - [1.7] new warning for missing try-with-resources  
 \* bug 186342 - [compiler][null] Using annotations for null checking  
 \* bug 364890 - BinaryTypeBinding should use char constants from Util  
 \* bug 365387 - [compiler][null] bug 186342: Issues to follow up post review and verification.  
 \* bug 358903 - Filter practically unimportant resource leak warnings  
 \* bug  
 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults  
 \* bug 388800 - [1.8][compiler] detect default methods in class files  
 \* bug 388281 - [compiler][null] inheritance of null annotations as an option  
 \* bug 331649 - [compiler][null] consider null annotations for fields  
 \* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files  
 \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
 \* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled  
 \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.  
 \* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource  
 \* Bug 392245 - [1.8][compiler][null] Define whether  
 / how @NonNullByDefault applies to TYPE\_USE locations  
 \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
 \* Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.  
 \* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables  
 \* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type  
 \* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations  
 \* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation  
 \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull  
 \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
 \* Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)  
 \* Bug 454182 - Internal compiler error when using  
 1.8 compliance for simple project  
 \* Bug 470467 - [null] Nullness of special Enum methods not detected from .class file  
 \* Bug 447661 - [1.8][null] Incorrect 'expression needs unchecked conversion' warning  
 \* Jesper Steen Moller - Contributions for  
 \* Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing  
 \* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable  
 \* Sebastian Zarnekow - Contributions for  
 \* bug 544921 - [performance] Poor performance with large source files  
 \* Alexander Lehmann - Contributions for  
 \* bug 566258 - Intermittent NPE in APT RoundDispatcher  
 \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BinaryTypeBinding.java

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\* Luiz-Otavio Zorzella <zorzella at gmail dot com> - Improve CamelCase algorithm

\* Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete suggestions

\* Stefan Xenos <sxenos@gmail.com> (Google) - Bug 501283 - Lots of hash collisions during indexing

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/core/compiler/CharOperation.java

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*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
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*   Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*     Bug 473178
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jar/org/eclipse/jdt/internal/compiler/ast/JavadocArraySingleTypeReference.java

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\* wharley@bea.com - initial API and implementation

\* IBM Corporation - fix for 342598

\* IBM Corporation - Java 8 support

\* het@google.com - Bug 427943 - The method

org.eclipse.jdt.internal.compiler.apt.model.Factory.getPrimitiveType does not throw IllegalArgumentException

\*\*\*\*\*/

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jar/org/eclipse/jdt/internal/compiler/apt/model/Factory.java

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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 292478 - Report potentially null across variable assignment

\* bug 332637 - Dead Code detection removing code that isn't dead

\* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional

\* Bug 411964 - [1.8][null] leverage null type annotation in foreach statement

\* Bug 421035 - [resource]

False alarm of resource leak warning when casting a closeable in its assignment

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 *   Igor Fedorenko - extracted from ElementsImpl
 */
```

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 *   Stephan Herrmann - Contributions for
 *     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
 *     bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
 *     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
 *     Bug 422796 - [compiler][null] boxed boolean reported as potentially null after
null test in lazy disjunction
 */
```

Found in path(s):

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*   IBM Corporation - initial API and implementation
*   Stephen Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 133125 - [compiler][null] need to report the null status of expressions and analyze them simultaneously
*       bug 292478 - Report potentially null across variable assignment
*       bug 324178 - [null] ConditionalExpression.nullStatus(..) doesn't take into account the analysis of condition itself
*       bug 354554 - [null] conditional with redundant condition
yields weak error message
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 426078 - [1.8] VerifyError when conditional expression passed as an argument
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*       Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*****/

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```

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jar/org/eclipse/jdt/internal/compiler/ast/ConditionalExpression.java
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*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*   Jesper S Moller - Contributions for
*     bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*****/

```

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   Jesper S Moller - Contributions for
*     bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*     Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*   Stephan Herrmann - Contribution for
*     Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*     Bug 423504 - [1.8] Implement "18.5.3
Functional Interface Parameterization Inference"
*     Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType
*     Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression
*     Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
*     Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
*     Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*     Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*     Bug 446442 - [1.8] merge null annotations from super methods
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*     Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
*****/

```

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in path(s):

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\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\* Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/MultiCatchExceptionLabel.java

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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 328281 - visibility leaks not detected when analyzing unused field in private class

\* bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ExtraCompilerModifiers.java  
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\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/AnnotationContext.java  
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\* Bug 467482 - TYPE\_USE null annotations: Incorrect "Redundant null check"-warning  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/NullAnnotationMatching.java  
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\* tyeung@bea.com - initial API and implementation  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 407191 - [1.8] Binary access support for type annotations  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/classfmt/FieldInfoWithAnnotation.java  
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*   Stephan Herrmann - Contribution for
*     bug 331649 - [compiler][null] consider null annotations for fields
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*   Jesper S Moller - Contributions for
*     Bug 378674 - "The method can be declared as static" is wrong
*****/
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Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ThisReference.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/FieldInfoWithTypeAnnotation.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/UsesStatement.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/OpensStatement.java

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jar/org/eclipse/jdt/internal/compiler/CompilationResult.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/parser/RecoveredElement.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/parser/RecoveredUnit.java

\*

/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/parser/RecoveredField.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/ast/AnnotationMethodDeclaration.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/batch/ClasspathLocation.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/env/ICompilationUnit.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/env/NameEnvironmentAnswer.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/ast/ClassLiteralAccess.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

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\* bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax  
\* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super  
\* Jesper S Moller <jesper@selskabet.org> - Contributions for  
\* bug 378674 - "The method can be declared as static" is wrong  
\*\*\*\*\*/

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in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/QualifiedThisReference.java  
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\* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super  
\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\* Bug 416182 - [1.8][compiler][null]  
Contradictory null annotations not rejected  
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Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemReasons.java  
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\* Stephan Herrmann - Contributions for

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365662 - [compiler][null] warn on contradictory and redundant null annotations

\* bug 331649 - [compiler][null] consider null annotations for fields

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415043 - [1.8][null] Follow-up re null type annotations

after bug 392099

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location

\* Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE\_USE locations

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations

\* Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?

\* Bug 469584 - ClassCastException in Annotation.detectStandardAnnotation (320)

\* Andy Clement (GoPivotal,

Inc) aclement@gopivotal.com - Contributions for

\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\* Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references

\* Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped  
\* Bug 414384 - [1.8] type annotation on abbreviated inner class is not marked as inner type  
\* Jesper S Moller <jesper@selskabet.org> - Contributions for  
\* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable  
\* Bug 412151 - [1.8][compiler] Check repeating annotation's collection type  
\* Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container  
\* Bug 419209 - [1.8] Repeating container annotations  
should be rejected in the presence of annotation it contains

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\* Carmi Grushko - Bug 465048 - Binding is null for class literals in synchronized blocks

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\* Matt McCutchen - partial fix for [https://bugs.eclipse.org/bugs/show\\_bug.cgi?id=122995](https://bugs.eclipse.org/bugs/show_bug.cgi?id=122995)

```

* Karen Moore - fix for https://bugs.eclipse.org/bugs/show_bug.cgi?id=207411
* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 185682 - Increment/decrement operators mark local variables as read
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 365519 - editorial cleanup after
bug 186342 and bug 365387
*   bug 374605 - Unreasonable warning for enum-based switch statements
*   bug 384870 - [compiler] @Deprecated annotation not detected if preceded by other annotation
*   bug 393719 - [compiler] inconsistent warnings on iteration variables
*   Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*   Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
*   Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 424742 - [1.8] NPE in LambdaExpression.isCompatibleWith
*   Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*   Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*   Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*   Bug 426366
- [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
*   Bug 427282 - [1.8][compiler] AIOOB (-1) at
org.eclipse.jdt.internal.compiler.ClassFile.traverse(ClassFile.java:6209)
*   Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
*   Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*   Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varargs
*   Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
*   Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
*   Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*   Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
*   Bug 446442 - [1.8] merge null annotations from super methods
*   Bug 437072 - [compiler][null] Null analysis emits
possibly incorrect warning for new int[][] despite @NonNullByDefault
*   Jesper S Moller - Contributions for
*   bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*   bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*   bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*   bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
*   Till Brychcy - Contributions for
*   bug 467094 - [1.8][null] TYPE_USE NullAnnotations of array contents are applied to field.
*****/

```

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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 \* Stephan Herrmann - Contributions for  
 \* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE  
 \* bug 349326 - [1.7] new warning for missing try-with-resources  
 \* bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)  
 \* bug 186342 - [compiler][null] Using annotations for null checking  
 \* bug 365835 - [compiler][null] inconsistent error reporting.  
 \* bug 365519 - editorial cleanup after bug 186342 and bug 365387  
 \* bug 358903 - Filter practically unimportant resource leak warnings  
 \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK  
 \* bug 370639 - [compiler][resource] restore the default for resource leak warnings  
 \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations  
 \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
 \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'  
 \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional  
 \* bug 383368 - [compiler][null] syntactic null analysis for field references  
 \* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic  
 \* bug 401030 - [1.8][null] Null analysis support for lambda  
 methods.  
 \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
 \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
 \* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking  
 \* Bug 417758 - [1.8][null] Null safety compromise during array creation.  
 \* Bug 427438 - [1.8][compiler] NPE at  
 org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)  
 \* Bug 430150 - [1.8][null] stricter checking against type variables  
 \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
 \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression  
 \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops  
 \* Bug 455723 - Nonnull argument not correctly inferred in loop  
 \* Jesper S Moller - Contributions  
 for  
 \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression  
 \*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
 jar/org/eclipse/jdt/internal/compiler/ast/ReturnStatement.java

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/batch/BatchCompilerRequestor.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/tool/EclipseCompilerRequestor.java

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jar/org/eclipse/jdt/internal/compiler/ast/ContainerAnnotation.java

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*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*     Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*     Bug 417295 - [1.8][null] Massage type annotated
      null analysis to gel well with deep encoded type bindings.
*     Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*****/

```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedMethodBinding.java
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jar/org/eclipse/jdt/internal/compiler/apt/dispatch/BatchProcessingEnvImpl.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/apt/dispatch/RoundDispatcher.java
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*     bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*     Bug
422796 - [compiler][null] boxed boolean reported as potentially null after null test in lazy disjunction
*****/

```

Found in path(s):

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   Stephan Herrmann - Contributions for

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```

*     bug 335093 - [compiler][null] minimal hook for future null annotation support

```

```

*     bug 349326 - [1.7] new warning for missing try-with-resources

```

```

*     bug 186342 - [compiler][null] Using annotations for null checking

```

```

*     bug 365983 - [compiler][null] AIOOB with null annotation analysis and varargs

```

```

*     bug 368546 - [compiler][resource] Avoid remaining false positives found when
compiling the Eclipse SDK

```

```

*     bug 370930 - NonNull annotation not considered for enhanced for loops

```

```

*     bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations

```

```

*     bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types

```

```

*     bug 331649 - [compiler][null] consider null annotations for fields

```

```

*     bug 383368 - [compiler][null] syntactic null analysis for field references

```

```

*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

```

```

*     Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

```

```

*     Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations

```

- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
  - \* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
  - \* Bug 417758 - [1.8][null] Null safety compromise during array creation.
  - \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
  - \* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
  - \* Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
  - \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
  - \* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
  - \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
  - \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
  - \* Bug 455723 - Nonnull argument not correctly inferred in loop
  - \* Andy Clement - Contributions for
    - \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
    - \* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
- \*\*\*\*\*/

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Statement.java

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* Contributors:
*   tyeung@bea.com - initial API and implementation
*   olivier_thomann@ca.ibm.com - add hashCode() and equals(..) methods
*****/

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/AnnotationInfo.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/ElementValuePairInfo.java

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\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* bug 402993 - [null] Follow up

of bug 401088: Missing warning about redundant null check

\* Bug 440282 - [resource] Resource leak detection false negative with empty finally block

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/Block.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/apt/model/NameImpl.java  
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\* bug 349326 - [1.7] new warning for missing try-with-resources

- \* bug 358903 - Filter practically unimportant resource leak warnings
- \* bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?
- \* bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
- \* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
- \* Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
- \* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
- \* Bug 425183 - [1.8][inference] make CaptureBinding18 safe
- \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
- \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
- \* Jesper S Moller - Contributions for
  - \* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
  - \* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
  - \* bug 527554 - [1.8.3] Compiler support for JEP 286 Local-Variable Type
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
  - \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
- \* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
  - \* bug 386692 - Missing "unused" warning on "autowired" fields
- \* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
  - \* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown when using MethodSource

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jar/org/eclipse/jdt/internal/compiler/tool/EclipseFileManager.java  
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*     Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335  
*     Bug 406973 - [compiler] Parse MethodParameters attribute  
*   Andy Clement - Contributions for  
*     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
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\* Stephan Herrmann - Contribution for

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 429403 - [1.8][null] null mismatch from type arguments is not reported at field initializer

\* Bug 453483 - [compiler][null][loop] Improve null analysis for loops

\* Bug 458396 - NPE in CodeStream.invoke()

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation

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\* bug 336428 - [compiler][null] bogus warning "redundant null check" in condition of do {} while() loop

\* bug 186342 - [compiler][null] Using annotations for null checking

- \* bug 365519 - editorial cleanup after bug 186342 and bug 365387
- \* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
- \* bug 365859 - [compiler][null]

distinguish warnings based on flow analysis vs. null annotations

- \* bug 385626 - @NonNull fails across loop boundaries
- \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
- \* bug 376263 - Bogus "Potential null pointer access" warning
- \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
- \* bug 406384 - Internal error with I20130413
- \* Bug 415413 - [compiler][null] NullPointerException in Null Analysis caused by interaction of LoopingFlowContext and FinallyFlowContext
- \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
- \* Bug 455557 - [jdt] NPE LoopingFlowContext.recordNullReference
- \* Bug 455723 - Nonnull argument not correctly inferred in loop
- \* Bug 415790 - [compiler][resource] Incorrect potential resource leak warning in for loop with close in try/catch
- \* Bug 421035 - [resource]

False alarm of resource leak warning when casting a closeable in its assignment

- \* Jesper S Moller - contributions for
- \* bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops

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- \* Stephan Herrmann - Contribution for
- \* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
- \* Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability analysis
- \* Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
- \* Till Brychcy - Contribution for
- \* Bug 473713

- [1.8][null] Type mismatch: cannot convert from @NonNull A1 to @NonNull A1

\*\*\*\*\*/

/\* Cache the derived type, tagging it as a derivative of both the key type and the naked type.  
E.g: int @NonNull [] would be tagged as a derived type of both int and int []. This is not  
needed for correctness, but for annotated object reuse. We provide two alternate ways to  
annotate a type:

Taking parameterized types as an example, a call to getParameterizedType can be made with annotations  
to create @NonNull List<@NonNull String> in one stroke. Or a parameterized type can be created first  
and then annotated via getAnnotatedType. In the former case, the tables get looked up with List as  
the key, in the latter with List<String> as the key.

Binary vs source, substitutions, annotation re-attribution from SE7 locations etc trigger these  
alternate code paths. Unless care is exercised,  
we will end up with duplicate objects (that share  
the same TypeBinding.id => correctness is not an issue, but memory wastage is)  
\*/

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\* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types

\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files

\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

\* Bug 415850 - [1.8] Ensure RunJDTCoreTests

can cope with null annotations enabled

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varargs

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class

\* Bug 434600 - Incorrect null analysis error reporting on type parameters

\* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type

\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables

\* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"

- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 437072 - [compiler][null] Null analysis emits possibly incorrect warning for new int[][] despite @NonNullByDefault
- \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
- \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
- \* Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code generator
- \* Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code generator
- \* Jesper S Møller <jesper@selskabet.org> - Contributions for
- \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
- \* bug 529556 - [18.3] Add content assist support for 'var' as a type

\*\*\*\*\*/

Found

in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TypeReference.java

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\* Jesper S Moller - Contributions for

\* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335

\* Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile

- \* Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
- \* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com
- Contributions for
- \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
- \* Bug 439889 - [1.8][compiler] [lambda] Deserializing lambda fails with IllegalArgumentException: "Invalid lambda deserialization"

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\* Stephan Herrmann - Contributions for

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 387612 - Unreachable catch block...exception is never thrown from the try

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* bug 401456 - Code compiles from javac/intellij, but fails from eclipse

\* bug 401271 - StackOverflowError

when searching for a methods references

\* bug 405706 - Eclipse compiler fails to give compiler error when return type is a inferred generic

\* Bug 408441 - Type mismatch using Arrays.asList with 3 or more implementations of an interface with the interface type as the last parameter

\* Bug 413958 - Function override returning inherited Generic Type

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations

\* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding

\* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation

\* Bug 424415 - [1.8][compiler]

Eventual resolution of ReferenceExpression is not seen to be happening.

\* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context

\* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?

- \* Bug 426589 - [1.8][compiler] Compiler error with generic method/constructor invocation as vargs argument
- \* Bug 426590 - [1.8][compiler] Compiler error with ternary operator
- \* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
- \* Bug 426998 - [1.8][compiler] method(java.lang.Class, java.lang.String) not applicable for the arguments (java.lang.Class, java.lang.String)
- \* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
- \* Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
- \* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
- \* Bug  
427728 - [1.8] Type Inference rejects calls requiring boxing/unboxing
- \* Bug 427218 - [1.8][compiler] Verify error varargs + inference
- \* Bug 426836 - [1.8] special handling for return type in references to method getClass()?
- \* Bug 427628 - [1.8] regression : The method \* is ambiguous for the type \*
- \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
- \* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type

Bindings

- \* Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
- \* Bug 428811 - [1.8][compiler] Type witness unnecessarily required
- \* Bug 429424 - [1.8][inference] Problem inferring type of method's parameter
- \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
- \* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
- \* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
- \* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
- \* Bug 452194 - Code no longer compiles in 4.4.1, but with confusing error
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 456236 - [1.8][null] Cannot infer type when constructor argument is annotated with @Nullable
- \* Bug 437072 - [compiler][null] Null analysis emits possibly incorrect warning for new int[][] despite @NonNullByDefault
- \* Bug 462083 - [1.8][inference] Java 8 generic return type mismatch with interface involving type parameter.
- \* Jesper S Moller - Contributions for
- \* Bug 378674 - "The method can be declared as static" is wrong
- \* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
- \* Andy Clement (GoPivotal, Inc)  
aclement@gopivotal.com - Contributions for
- \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
- \* Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
- \* Bug 559618 - No compiler warning for import from same package
- \* Bug 560630 - No warning on unused import on class from same package

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/Scope.java

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jar/org/eclipse/jdt/internal/compiler/util/GenericXMLWriter.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/ManifestAnalyzer.java  
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/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/UnresolvedAnnotationBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/impl/ReferenceContext.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/DefaultErrorHandlingPolicies.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/problem/DefaultProblemFactory.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-



jar/org/eclipse/jdt/internal/compiler/ast/Receiver.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/flow/InsideSubRoutineFlowContext.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/core/JDTCompilerAdapter.java

\*  
/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/impl/CompilerStats.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/IErrorHandlingPolicy.java

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\* Stephan Herrmann - Contributions for

\* bug 325755 - [compiler] wrong initialization state after conditional expression

\* bug 320170 - [compiler] [null] Whitebox issues in null analysis

\* bug 292478 - Report potentially null across variable assignment

\* bug 332637 - Dead Code detection removing code that isn't dead

\* bug 341499 - [compiler][null] allocate extra bits in all methods of UnconditionalFlowInfo

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 386181 - [compiler][null] wrong transition in UnconditionalFlowInfo.mergedWith()

\* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional

\* Bug 453483 - [compiler][null][loop] Improve null analysis for loops

\* Bug 454031 - [compiler][null][loop] bug in null analysis; wrong "dead code" detection

\* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment

\*\*\*\*\*/

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\* bug 383368 - [compiler][null] syntactic null analysis for field references  
\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
\* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking  
\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
\* Bug 417295 - [1.8][null]  
Message type annotated null analysis to gel well with deep encoded type bindings.  
\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
\* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"  
\* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param  
\* Andy Clement - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

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 \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryNestedType.java  
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 \* IBM Corporation - initial API and implementation  
 \* Stephan Herrmann - Contributions for  
 \* bug 349326 - [1.7] new warning for missing try-with-resources  
 \* bug 374605 - Unreasonable warning for enum-based switch statements  
 \* bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.  
 \* bug 382354 - [1.8][compiler] Compiler silent on conflicting modifier  
 \* bug 401030 - [1.8][null] Null analysis support for lambda methods.  
 \* Bug  
 416176 - [1.8][compiler][null] null type annotations cause grief on type variables  
 \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

- \* Jesper S Moller - Contributions for
  - \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
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- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression

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  - \* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
  - \* bug 383368 - [compiler][null] syntactic null analysis for field references
  - \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking

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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 328281 - visibility leaks not detected when analyzing unused field in private class

\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 365836 - [compiler][null] Incomplete propagation of null defaults.

\* bug 365519 - editorial cleanup after bug 186342

and bug 365387

\* bug 365662 - [compiler][null] warn on contradictory and redundant null annotations

\* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults

\* bug 366063 - Compiler should not add synthetic @NonNull annotations

\* bug 384663 - Package Based Annotation Compilation Error in JDT 3.8/4.2 (works in 3.7.2)

\* bug 386356 - Type mismatch error with annotations and generics

\* bug 388281 - [compiler][null] inheritance of null annotations as an option

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 380896 - [compiler][null] Enum constants not recognised as being NonNull.

\* bug 391376 - [1.8] check interaction of default methods with bridge methods and generics

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 415850 - [1.8] Ensure RunJDTCORETests can cope with null annotations enabled

\* Bug 416172 - [1.8][compiler][null] null type annotation not evaluated on method return type

\* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.

\* Bug 426048 - [1.8] NPE in TypeVariableBinding.internalBoundCheck when parentheses are not balanced

\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8

\* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables

\* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"

- \* Bug 441693 - [1.8][null]
- Bogus warning for type argument annotated with @NonNull
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
- \* Bug 461250 - ArrayIndexOutOfBoundsException in SourceTypeBinding.fields
- \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
- \* Jesper S Moller <jesper@selskabet.org> - Contributions for
- \* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
- \* Till Brychcy - Contributions for
- \* bug 415269 - NonNullByDefault is not always inherited to nested classes
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
- \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
- \* Sebastian Zarnekow - Contributions
- for
- \* bug 544921 - [performance] Poor performance with large source files
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SourceTypeBinding.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/Messages.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/parser/RecoveredInitializer.java  
\*  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/MemberTypeBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/problem/ProblemSeverities.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/util/SuffixConstants.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/SourceTypeCollisionException.java  
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 \* Bug 378674 - "The method can be declared as static" is wrong  
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 \* Tom Tromey - patch for readTable(String) as described in [http://bugs.eclipse.org/bugs/show\\_bug.cgi?id=32196](http://bugs.eclipse.org/bugs/show_bug.cgi?id=32196)  
 \* Stephan Herrmann - Contributions for  
 \* bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)  
 \* bug 374605 - Unreasonable warning for enum-based switch statements  
 \* bug 393719 - [compiler] inconsistent warnings on iteration variables  
 \* bug 382353 - [1.8][compiler] Implementation property modifiers  
 should be accepted on default methods.  
 \* bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods  
 \* bug 401035 - [1.8] A few tests have started failing recently  
 \* Jesper S Moller - Contributions for  
 \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression  
 \* bug 399695 - [1.8][compiler] [1.8][compiler] migrate parser to other syntax for default methods  
 \* bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration  
 \* bug 393192 - Incomplete type hierarchy with > 10 annotations  
 \* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type  
 \* Andy Clement - Contributions for  
 \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
 work)  
 \* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation



\*

Bug 415821 - [1.8][compiler] CLASS\_EXTENDS target type annotation missing for anonymous classes

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\* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation

\* Bug 440687 - [compiler][batch][null] improve command line option for external annotations

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*     Bug 365662 - [compiler][null] warn on contradictory and redundant null annotations  
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
*     Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations  
*   Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it  
*     extends the outer class  
*/
```

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```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/AccessRuleSet.java

\*

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocArgumentExpression.java

\*

/opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/ShortConstant.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/IntConstant.java

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\* Frits Jalvingh - fix for bug 533830.  
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\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
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\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)  
\* Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array  
\* Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references

\*

Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/INameEnvironmentExtension.java  
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\* Jesper S Moller - Bug 392671  
\* NPE with a method with explicit this and a following incomplete parameter  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ModuleReferenceImpl.java

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\* Stephan Herrmann - Contributions for  
\* bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)  
\* bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods  
\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredType.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/WildcardTypeImpl.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/AnnotationMethodInfoWithAnnotations.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/ElementImpl.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ClassFilePool.java

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*   IBM Corporation - initial API and implementation  
*   Stephan Herrmann - Contributions for  
*     Bug 186342 - [compiler][null] Using annotations for null checking  
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
*/
```

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MostSpecificExceptionMethodBinding.java

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\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 407191 - [1.8] Binary access support for type annotations

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/FieldInfo.java

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\* bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code  
\* bug 391376 - [1.8] check interaction of default methods with bridge methods and generics  
\* bug 421543 - [1.8][compiler] Compiler fails to recognize default method being turned into abstract by subtype  
\* Jesper S Moller - Contributions for  
\* Bug 405066 - [1.8][compiler][codegen] Implement  
code generation infrastructure for JSR335  
\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
work)

- \* Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
- \* Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code generator
- \* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
- \* Bug 405104 - [1.8][compiler][codegen] Implement support for serializable lambdas
- \* Bug 449467 - [1.8][compiler] Invalid lambda deserialization with anonymous class
- \* Olivier Tardieu (tardieu@us.ibm.com) - Contributions for
- \* Bug 442418 - \$deserializeLambda\$ off-by-one error when deserializing the captured arguments of a lambda that also capture this

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/CodeStream.java

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- \* IBM Corporation - Fix for bug 328575
- \* IBM Corporation - Java 8 support

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Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/ElementsImpl.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/PrimitiveTypeImpl.java  
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\* IBM Corporation - fix for 342936  
\* Kenneth Olson - Contribution for bug 188796 - [jsr199] Using JSR199 to extend ECJ  
\* Dennis Hendriks - Contribution for bug 188796 - [jsr199] Using JSR199 to extend ECJ  
\* Frits Jalvingh - fix for bug 533830.  
\*\*\*\*\*/

Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseCompilerImpl.java  
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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfInteger.java

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/ArchiveFileObject.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/Util.java

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- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/ArchiveFileObject.java
- \* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/Archive.java

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\* bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax  
\* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super  
\* bug 404728 - [1.8]NPE on QualifiedSuperReference error  
\*\*\*\*\*/

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\* Jesper S Moller -. Contribution for bug 400830: [1.8][formatter] Code formatter for Java 8  
\*\*\*\*\*/

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\* Patrick Wienands <[pwienands@abit.de](mailto:pwienands@abit.de)> - Contribution for bug 393749

\* Stephan Herrmann - Contribution for

\* bug 331649 - [compiler][null] consider null annotations for fields

\*\*\*\*\*/

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*   Benjamin Muskalla - Contribution for bug 239066
*   Stephan Herrmann - Contribution for
*     bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance
*     bug 388954 - [1.8][compiler] detect default methods in class files
*     bug 388281 - [compiler][null] inheritance of null annotations as an option
*     bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs
to be declared abstract
*     bug 390883 - [1.8][compiler] Unable to override default method
*     bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
*     bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795
*     bug 406928 - computation of inherited methods seems damaged (affecting @Overrides)
*     bug 409473 - [compiler] JDT cannot compile against JRE 1.8
*     Bug 420080 - [1.8] Overridden Default method is reported as duplicated
*****/

```

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```

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*   Stephan Herrmann - Contributions for
*     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*     bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*****/

```

Found in path(s):

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   Stephan Herrmann - Contribution for
*     Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*     Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   Stephan Herrmann - Contributions for
*     bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*     bug 295551 - Add option to automatically promote all warnings to errors
*     bug 359721 - [options] add command line option
for new warning token "resource"
*   bug 365208 - [compiler][batch] command line options for annotation based null analysis
*   bug 374605 - Unreasonable warning for enum-based switch statements
*   bug 375366 - ECJ ignores unusedParameterIncludeDocCommentReference unless enableJavadoc option is set
*   bug 388281 - [compiler][null] inheritance of null annotations as an option
*   bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*   Bug 408815 - [batch][null] Add CLI option for
COMPILER_PB_SYNTACTIC_NULL_ANALYSIS_FOR_FIELDS
*   Jesper S Moller - Contributions for
*     bug 407297 - [1.8][compiler] Control generation of parameter names by option
*   Mat Booth - Contribution for bug 405176
*   Frits Jalvingh -
fix for bug 533830.
*****/

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/batch/Main.java

```

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* Contributors:

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*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contributions for
*     bug 342671 - ClassCastException: org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot be cast to
org.eclipse.jdt.internal.compiler.lookup.ArrayBinding

```

- \* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 416181 - [1.8][compiler][null] Invalid assignment  
is not rejected by the compiler
- \* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
- \* Bug 434600 - Incorrect null analysis error reporting on type parameters
- \* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
- \* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
- \* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
- \* Andy Clement - Contributions for
- \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ParameterizedQualifiedTypeReference.java

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\* Bug 407191 - [1.8] Binary access support for type annotations

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/TypeAnnotationInfo.java

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\* Jesper Steen Moeller - Contributions for:  
\* Bug 407297: [1.8][compiler] Control generation of parameter names by option  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/tool/Options.java  
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\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for  
\* Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped  
\* Stephan Herrmann - Contribution for  
\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
\* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.  
\* Bug 429958  
- [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
\* Bug 440462 - [null][compiler]NPE in EJC for erroneous null annotations  
\* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull  
\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/ast/Wildcard.java  
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*     bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
*     bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with
    generics (RuntimeException instead of IOException)
*****/
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```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/ThrowStatement.java
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jar/org/eclipse/jdt/internal/compiler/lookup/Substitution.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/problem/DefaultProblem.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/LabeledStatement.java
*
```

```
/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/batch/CompilationUnit.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/ITypeRequestor.java
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*     bug 383368 - [compiler][null] syntactic null analysis for field references
*     bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*****/

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```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*   Nick Teryaev - fix for bug (https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752)
*   Stephan Herrmann - Contributions for
*     bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE
*     bug 349326 - [1.7] new warning for missing try-with-resources
*     bug 186342 - [compiler][null] Using annotations for null checking
*     bug 358903 - Filter practically unimportant resource leak warnings
*     bug
370639 - [compiler][resource] restore the default for resource leak warnings
*     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*     bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*     bug 379784 - [compiler] "Method can be static" is not getting reported
*     bug 379834 - Wrong "method can be static" in presence of qualified super and different staticness of nested super
class.
*     bug 388281 - [compiler][null] inheritance of null annotations as an option
*     bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*     bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*     bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?

```

- \* bug 331649 - [compiler][null] consider null annotations for fields
- \* bug 383368 - [compiler][null] syntactic null analysis for field references
- \* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
- \* bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
- \* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
- \* bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
- \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
- \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
- \* Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
- \* Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
- \* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
- \* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
- \* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
- \* Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
- \* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
- \* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
- \* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
- \* Bug 427438 - [1.8][compiler]
- NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
- \* Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
- \* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
- \* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
- \* Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
- \* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
- \* Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
- \* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
- \* Bug 472618 - [compiler][null] assertNotNull vs. Assert.assertNotNull
- \* Bug 470958 - [1.8] Unable to convert lambda
- \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
- \* Jesper S Moller - Contributions for
- \* Bug 378674 - "The method can be declared as static" is wrong
- \* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
- \* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
- \* Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic bridge method

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/core/compiler/CompilationProgress.java

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredAnnotation.java

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\* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

\* bug 292478 - Report potentially null across variable assignment,

\* bug 185682 - Increment/decrement operators mark local variables as read

\* bug 331649 - [compiler][null] consider null annotations for fields

\* bug 383368 - [compiler][null] syntactic null analysis for field references

\* Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException:

info cannot be null

\* Bug 458396 - NPE in CodeStream.invoke()

\* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null

\* Jesper S Moller - <jesper@selskabet.org> - Contributions for

\* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment

\* bug 378674 - "The method can be declared as static" is wrong

\* bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops

\* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

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- \* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
  - \* bug 282152 - [1.5][compiler] Generics code rejected by Eclipse but accepted by javac
  - \* bug 349326 - [1.7] new warning for missing try-with-resources
  - \* bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
  - \* bug 358903 - Filter practically unimportant resource leak warnings
  - \* bug 395002 - Self bound generic class
- doesn't resolve bounds properly for wildcards for certain parametrisation.
- \* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
- \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
- \* Bug 417295 - [1.8][null] Message type annotated null analysis to gel well with deep encoded type bindings.
- \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
- \* Bug 426792 - [1.8][inference][impl] generify new type inference engine
- \* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
- \* Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
- \* Bug 431269 - [1.8][compiler][null] StackOverflow in nullAnnotatedReadableName
- \* Bug 431408 - Java 8 (1.8) generics bug
- \* Bug 435962 - [RC2] StackOverFlowError when building
- \* Bug
  - 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
  - \* Bug 438250 - [1.8][null] NPE trying to report bogus null annotation conflict
  - \* Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
  - \* Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
  - \* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
  - \* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
  - \* Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability analysis
  - \* Bug 456459 - Discrepancy between Eclipse compiler and javac - Enums, interfaces, and generics
  - \* Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
  - \* Bug 462790 - [null] NPE in Expression.computeConversion()
  - \* Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error messages
- \* Jesper S Møller <jesper@selskabet.org> - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
  - \* Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type

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\* bug 349326 - [1.7] new warning for missing try-with-resources

\* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files

\* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 467032 - TYPE\_USE Null Annotations: IllegalStateException with annotated arrays of Enum when accessed via BinaryTypeBinding

\*\*\*\*\*/

Found

in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/UnresolvedReferenceBinding.java

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\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's  
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\* Stephan Herrmann - Contribution for  
\* Bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files  
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\* Stephan Herrmann - Contribution for  
\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)  
\* Bug 433478 - [compiler][null] NPE in ReferenceBinding.isCompatibleWith  
\*\*\*\*\*/

Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemMethodBinding.java  
No license file was found, but licenses were detected in source scan.

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\* Contributors:  
\* Stephan Herrmann - initial API and implementation  
\*\*\*\*\*/

Found in path(s):  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ITypeAnnotationWalker.java  
No license file was found, but licenses were detected in source scan.

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\* Contributors:  
\* IBM Corporation - initial API and implementation  
\* Benjamin Muskalla - Contribution for bug 239066  
\* Stephan Herrmann - Contributions for  
\* bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used  
\* bug 338303 - Warning about Redundant assignment conflicts with definite assignment  
\* bug 349326 - [1.7] new warning for missing try-with-resources

- \* bug 186342 - [compiler][null] Using annotations for null checking
  - \* bug 365519 - editorial cleanup after bug 186342 and bug 365387
  - \* bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
  - \* bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
  - \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
  - \* bug 374605 - Unreasonable warning for enum-based switch statements
  - \* bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
  - \* bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance
  - \* bug 388281 - [compiler][null] inheritance of null annotations as an option
  - \* bug 376053 - [compiler][resource] Strange potential resource leak problems
  - \* bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
  - \* bug 393719 - [compiler] inconsistent warnings on iteration
- variables
- \* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
  - \* bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs to be declared
- abstract
- \* bug 331649 - [compiler][null] consider null annotations for fields
  - \* bug 382789 - [compiler][null] warn when syntactically-nonnull expression is compared against null
  - \* bug 376590 - Private fields with @Inject are ignored by unused field validation
  - \* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
  - \* bug 402028 - [1.8][compiler] null analysis for reference expressions
  - \* bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
  - \* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
  - \* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
  - \* Bug  
392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
  - \* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
  - \* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
  - \* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
  - \* Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first field
- field
- \* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
  - \* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
  - \* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
  - \* Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to
- Files::walk
- \* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert  
from List<Object> to Collection<Object[]>
  - \* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type
- Bindings
- \* Bug 416190 - [1.8][null] detect incompatible overrides due to null type annotations
  - \* Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE\_USE locations
  - \* Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
  - \* Bug 430150 - [1.8][null] stricter checking against type variables
  - \* Bug 434600 - Incorrect null analysis error reporting on type parameters
  - \* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
  - \* Bug 438467 - [compiler][null] Better error position for "The method \_ cannot implement the corresponding method \_ due to incompatible nullness constraints"

- \* Bug 439298 - [null] "Missing code implementation in the compiler" when using @NonNullByDefault in package-info.java
- \* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
- \* Bug 446442 - [1.8] merge null annotations from super methods
- \* Bug 455723 - Nonnull argument not correctly inferred in loop
- \* Bug 458361 - [1.8][null] reconciler throws NPE in ProblemReporter.illegalReturnRedefinition()
- \* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
- \* Bug 461878 - [1.7][1.8][compiler][null] ECJ compiler does not allow to use null annotations on annotations
- \* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
- \* Jesper S Moller <jesper@selskabet.org> - Contributions for
  - \* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
  - \* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
    - \* bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
    - \* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
    - \* bug 412151 - [1.8][compiler] Check repeating annotation's collection type
    - \* bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
    - \* Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
    - \* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
    - \* bug 527554 - [1.8.3] Compiler support for JEP 286 Local-Variable Type
- \* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
  - \* bug 386692 - Missing "unused" warning on "autowired" fields

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/ProblemReporter.java

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\* Stephan Herrmann - Contribution for

\* bug 384380 - False positive on a "Potential null pointer access" after a continue

\* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/InvocationSite.java  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SplitPackageBinding.java  
\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BinaryModuleBinding.java  
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\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE

\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"

\* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking

\* Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch

\*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/ast/DoStatement.java

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/lookup/ModuleScope.java

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* Stephan Herrmann - Contributions for  
* bug 186342 - [compiler][null] Using annotations for null checking  
* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis  
* bug 388281 - [compiler][null] inheritance of null annotations as an option  
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099  
*/
```

Found

in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/lookup/TagBits.java

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* Contributors:
*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*     Bug 407191 - [1.8] Binary access support for type annotations
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/env/IBinaryMethod.java
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* Contributors:
*   IBM Corporation - initial API and implementation
*   IBM Corporation - added the following constants
*     NonStaticAccessToStaticField
*     NonStaticAccessToStaticMethod
*     Task
*     ExpressionShouldBeAVariable
*     AssignmentHasNoEffect
*   IBM Corporation - added the following constants
*     TooManySyntheticArgumentSlots
*     TooManyArrayDimensions
*     TooManyBytesForStringConstant
*     TooManyMethods
*     TooManyFields
*     NonBlankFinalLocalAssignment
*     ObjectCannotHaveSuperTypes
*     MissingSemiColon
*     InvalidParenthesizedExpression
*     EnclosingInstanceInConstructorCall

```

- \* BytecodeExceeds64KLimitForConstructor
- \* IncompatibleReturnTypeForNonInheritedInterfaceMethod
- \* UnusedPrivateMethod
- \* UnusedPrivateConstructor
- \* UnusedPrivateType
- \* UnusedPrivateField
- \* IncompatibleExceptionInThrowsClauseForNonInheritedInterfaceMethod
- \* InvalidExplicitConstructorCall
- \* IBM Corporation - added the following constants
- \* PossibleAccidentalBooleanAssignment
- \* SuperfluousSemicolon
- \* IndirectAccessToStaticField
- \* IndirectAccessToStaticMethod
- \* IndirectAccessToStaticType
- \* BooleanMethodThrowingException
- \* UnnecessaryCast
- \* UnnecessaryArgumentCast
- \* UnnecessaryInstanceOf
- \*
- FinallyMustCompleteNormally
- \* UnusedMethodDeclaredThrownException
- \* UnusedConstructorDeclaredThrownException
- \* InvalidCatchBlockSequence
- \* UnqualifiedFieldAccess
- \* IBM Corporation - added the following constants
- \* Javadoc
- \* JavadocUnexpectedTag
- \* JavadocMissingParamTag
- \* JavadocMissingParamName
- \* JavadocDuplicateParamName
- \* JavadocInvalidParamName
- \* JavadocMissingReturnTag
- \* JavadocDuplicateReturnTag
- \* JavadocMissingThrowsTag
- \* JavadocMissingThrowsClassName
- \* JavadocInvalidThrowsClass
- \* JavadocDuplicateThrowsClassName
- \* JavadocInvalidThrowsClassName
- \* JavadocMissingSeeReference
- \* JavadocInvalidSeeReference
- \* JavadocInvalidSeeHref
- \* JavadocInvalidSeeArgs
- \* JavadocMissing
- \* JavadocInvalidTag
- \* JavadocMessagePrefix
- \* EmptyControlFlowStatement
- \* IBM Corporation - added the following constants
- \* IllegalUsageOfQualifiedTypeReference



- \* InvalidDigit
- \* IBM Corporation - added the following constants
- \* ParameterAssignment
- \* FallthroughCase
- \* IBM Corporation - added the following constants
- \* UnusedLabel
- \* UnnecessaryNLSTag
- \* LocalVariableMayBeNull
- \* EnumConstantsCannotBeSurroundedByParenthesis
- \* JavadocMissingIdentifier
- \* JavadocNonStaticTypeFromStaticInvocation
- \* RawTypeReference
- \* NoAdditionalBoundAfterTypeVariable
- \* UnsafeGenericArrayForVarargs
- \* IllegalAccessFromTypeVariable
- \* AnnotationValueMustBeArrayInitializer
- \* InvalidEncoding
- \* CannotReadSource
- \* EnumStaticFieldInInInitializerContext
- \* ExternalProblemNotFixable
- \* ExternalProblemFixable
- \* IBM Corporation - added the following constants
- \* AnnotationValueMustBeAnEnumConstant
- \* OverridingMethodWithoutSuperInvocation
- \* MethodMustOverrideOrImplement
- \* TypeHidingTypeParameterFromType
- \* TypeHidingTypeParameterFromMethod
- \* TypeHidingType
- \* IBM Corporation - added the following constants
- \* NullLocalVariableReference
- \* PotentialNullLocalVariableReference
- \* RedundantNullCheckOnNullLocalVariable
- \* NullLocalVariableComparisonYieldsFalse
- \* RedundantLocalVariableNullAssignment
- \* NullLocalVariableInstanceofYieldsFalse
- \* RedundantNullCheckOnNonNullLocalVariable
- \* NonNullLocalVariableComparisonYieldsFalse
- \* IBM Corporation - added the following constants
- \* InvalidUsageOfTypeParametersForAnnotationDeclaration
- \* InvalidUsageOfTypeParametersForEnumDeclaration
- \* IBM Corporation - added the following constants
- \* RedundantSuperinterface
- \* Benjamin Muskalla - added the following constants
- \* MissingSynchronizedModifierInInheritedMethod
- \* Stephan Herrmann - added the following constants
- \* UnusedObjectAllocation
- \* PotentiallyUnclosedCloseable

- \* PotentiallyUnclosedCloseableAtExit
- \* UnclosedCloseable
- \* UnclosedCloseableAtExit
- \* ExplicitlyClosedAutoCloseable
- \*     RequiredNonNullButProvidedNull
- \*     RequiredNonNullButProvidedPotentialNull
- \*     RequiredNonNullButProvidedUnknown
- \*     NullAnnotationNameMustBeQualified
- \*     IllegalReturnNullityRedefinition
- \*     IllegalRedefinitionToNonNullParameter
- \*     IllegalDefinitionToNonNullParameter
- \*     ParameterLackingNonNullAnnotation
- \*     ParameterLackingNullableAnnotation
- \*     PotentialNullMessageSendReference
- \*     RedundantNullCheckOnNonNullMessageSend
- \*     CannotImplementIncompatibleNullness
- \*     RedundantNullAnnotation
- \*     RedundantNullDefaultAnnotation
- \*     RedundantNullDefaultAnnotationPackage
- \*     RedundantNullDefaultAnnotationType
- \*     RedundantNullDefaultAnnotationMethod
- \*     ContradictoryNullAnnotations
- \*     IllegalAnnotationForBaseType
- \*     RedundantNullCheckOnSpecdNonNullLocalVariable
- \*     SpecdNonNullLocalVariableComparisonYieldsFalse
- \*     RequiredNonNullButProvidedSpecdNullable
- \*     MissingDefaultCase
- \*     MissingEnumConstantCaseDespiteDefault
- \*     UninitializedLocalVariableHintMissingDefault
- \*     UninitializedBlankFinalFieldHintMissingDefault
- \*     ShouldReturnValueHintMissingDefault
- \*     IllegalModifierForInterfaceDefaultMethod
- \*     InheritedDefaultMethodConflictsWithOtherInherited
- \*     ConflictingNullAnnotations
- \*     ConflictingInheritedNullAnnotations
- \*     UnsafeElementTypeConversion
- \*     ArrayReferencePotentialNullReference
- \*     DereferencingNullableExpression
- \*     NullityMismatchingTypeAnnotation
- \*     NullityMismatchingTypeAnnotationSuperHint
- \*     NullityUncheckedTypeAnnotationDetail
- \*     NullityUncheckedTypeAnnotationDetailSuperHint
- \*     NullableFieldReference
- \*     UninitializedNonNullField
- \*     UninitializedNonNullFieldHintMissingDefault
- \*     NonNullMessageSendComparisonYieldsFalse
- \*     RedundantNullCheckOnNonNullSpecdField
- \*     NonNullSpecdFieldComparisonYieldsFalse

- \* NonNullExpressionComparisonYieldsFalse
- \* RedundantNullCheckOnNonNullExpression
- \* ReferenceExpressionParameterNullityMismatch
- \* ReferenceExpressionParameterNullityUnchecked
- \* ReferenceExpressionReturnNullRedef
- \* ReferenceExpressionReturnNullRedefUnchecked
- \* DuplicateInheritedDefaultMethods
- \* SuperAccessCannotBypassDirectSuper
- \* SuperCallCannotBypassOverride
- \* ConflictingNullAnnotations
- \* ConflictingInheritedNullAnnotations
- \* UnsafeElementTypeConversion
- \* PotentialNullUnboxing
- \* NullUnboxing
- \* NullExpressionReference
- \* PotentialNullExpressionReference
- \* RedundantNullCheckAgainstNonNullType
- \* NullAnnotationUnsupportedLocation
- \* NullAnnotationUnsupportedLocationAtType
- \* NullityMismatchTypeArgument
- \* ContradictoryNullAnnotationsOnBound
- \* UnsafeNullnessCast
- \* ContradictoryNullAnnotationsInferred
- \* NonNullDefaultDetailIsNotEvaluated
- \* NullNotCompatibleToFreeTypeVariable
- \* NullityMismatchAgainstFreeTypeVariable
- \* ImplicitObjectBoundNonNullDefault
- \* IllegalParameterNullityRedefinition
- \* ContradictoryNullAnnotationsInferredFunctionType
- \* IllegalReturnNullityRedefinitionFreeTypeVariable
- \* UnlikelyCollectionMethodArgumentType
- \* UnlikelyEqualsArgumentType
- \* Jesper S Moller - added the following constants
- \* TargetTypeNotAFunctionalInterface
- \* OuterLocalMustBeEffectivelyFinal
- \* IllegalModifiersForPackage
- \* DuplicateAnnotationNotMarkedRepeatable
- \* DisallowedTargetForContainerAnnotation
- \* RepeatedAnnotationWithContainerAnnotation
- \* ContainingAnnotationMustHaveValue
- \* ContainingAnnotationHasNonDefaultMembers
- \* ContainingAnnotationHasWrongValueType
- \* ContainingAnnotationHasShorterRetention
- \* RepeatableAnnotationHasTargets
- \* RepeatableAnnotationTargetMismatch
- \* RepeatableAnnotationIsDocumented
- \* RepeatableAnnotationIsInherited
- \* RepeatableAnnotationWithRepeatingContainerAnnotation

```

*   VarLocalMultipleDeclarators
*   VarLocalCannotBeArray
*   VarLocalReferencesItself
*   VarLocalWithoutInitiazlier
*   VarLocalInitializedToNull
*   VarLocalCannotBeArrayInitalizers
*   VarLocalCannotBeLambda
*   VarLocalCannotBeMethodReference
*   VarIsReserved
*   VarIsReservedInFuture
*   VarIsNotAllowedHere
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/core/compiler/IProblem.java

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* Contributors:

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*   IBM Corporation - initial API and implementation

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```

*   Stephan Herrmann - Contribution for

```

```

*   Bug 365992 - [builder] [null] Change of nullness for a parameter doesn't trigger a build for the files that call the
method

```

```

*   Bug 440477 - [null] Infrastructure for feeding external annotations into compilation

```

```

*   Bug 440687 - [compiler][batch][null] improve command line option for external annotations

```

```

*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

```

```

*

```

```

    bug 407191 - [1.8] Binary access support for type annotations

```

```

*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFileReader.java

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\* Contributors:

\* Stephan Herrmann - initial API and implementation  
\* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for  
\* Bug 473178  
\* IBM Corporation - Bug fixes

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
jar/org/eclipse/jdt/internal/compiler/lookup/BoundSet.java

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\* IBM Corporation - initial API and implementation  
\* Jesper Steen Moller - Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation  
processing

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jar/org/eclipse/jdt/internal/compiler/apt/model/ExecutableElementImpl.java

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*   Stephan Herrmann - Contribution for
*     bug 331649 - [compiler][null] consider null annotations for fields
*     Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*     Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
*   Jesper S Moller - Contributions for
*     bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*****/
```

Found in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/NameReference.java
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*   IBM Corporation - initial API and implementation
*   Stephan Herrmann - Contributions for
*     bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*     Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*     Bug 415543 - [1.8][compiler] Incorrect bound index in RuntimeInvisibleTypeAnnotations attribute
*****/
```

Found

in path(s):

```
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/TypeParameter.java
```

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*     bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*     bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*     bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*     Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*     Bug
415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*     Bug 415850 - [1.8] Ensure RunJDTCORETests can cope with null annotations enabled
*     Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*     Bug 417295 - [1.8][null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*     Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*     Bug 425460 - [1.8] [inference] Type not inferred on stream.toArray
*     Bug 426792 - [1.8][inference][impl] generify new type inference engine
*     Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*     Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*     Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*     Bug 441693 -
[1.8][null] Bogus warning for type argument annotated with @NonNull
*   Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*     Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*****/

```

Found in path(s):

```

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ArrayBinding.java

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*   Genady Beriozkin - added support for reporting assignment with no effect

```

```

*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

```

```

*     bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE

```

- \* bug 292478 - Report potentially null across variable assignment
  - \* bug 335093 - [compiler][null] minimal hook for future null annotation support
  - \* bug 349326 - [1.7] new warning for missing try-with-resources
  - \* bug 186342 - [compiler][null] Using annotations for null checking
  - \* bug 358903 - Filter practically unimportant resource leak warnings
  - \* bug 370639 - [compiler][resource] restore the default for resource leak warnings
  - \* bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
  - \* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
  - \* bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
  - \* bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
  - \* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
  - \* bug 331649 - [compiler][null] consider null annotations for fields
  - \* bug 383368 - [compiler][null] syntactic null analysis for field references
  - \* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
  - \* bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
  - \* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
  - \* Bug 427438 - [1.8][compiler] NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
  - \* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
  - \* Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
- \*\*\*\*\*/

Found in path(s):

\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Assignment.java

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\* bug 342671 - ClassCastException: org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot be cast to org.eclipse.jdt.internal.compiler.lookup.ArrayBinding

\* Bug 420894 - ClassCastException in DefaultBindingResolver.resolveType(Type)

\* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis

\* Bug 415043 - [1.8][null] Follow-up re null type

annotations after bug 392099

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 434600 - Incorrect null analysis error reporting on type parameters

\* Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"

\* Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>

\* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param

\* Andy Clement - Contributions for

\* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)

\*\*\*\*\*/

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ParameterizedSingleTypeReference.java

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\* bug 319201 - [null] no warning when unboxing SimpleNameReference causes NPE

\* bug 349326 - [1.7] new warning for missing try-with-resources  
\* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"  
\* bug 383368 - [compiler][null] syntactic null analysis for field references  
\* bug 403147 - [compiler][null] FUP of bug 400761:  
consolidate interaction between unboxing, NPE, and deferred checking  
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\* Bug 428811 - [1.8][compiler] Type witness unnecessarily required  
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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-  
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\* bug 383368 - [compiler][null] syntactic null analysis for field references  
\*\*\*\*\*/

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\* bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code

\* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()

\* Bug 470467 - [null] Nullness of special Enum methods not detected from .class file

\* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for

\*

Bug 405104 -

[1.8][compiler][codegen] Implement support for serializable lambdas

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 *     bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
 *     bug 383368 - [compiler][null] syntactic null analysis for field references
 */
```

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\* /opt/cola/permits/1430636762\_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ModuleReference.java  
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\* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations  
\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault  
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\* bug 186342 - [compiler][null] Using annotations for null checking

\* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.

\* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099

\* bug 413958 - Function override returning inherited Generic Type

\* Bug 400874 - [1.8][compiler] Inference infrastructure

should evolve to meet JLS8 18.x (Part G of JSR335 spec)

\* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding

\* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"

\* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)

\* Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported

\* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected

\* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault

\* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations

\* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference

\* Bug 446442 - [1.8] merge null annotations from super methods

\* Bug 457079 - Regression: type

inference

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## 1.272 base-64 0.1.1

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## 1.273 pp 0.3.0

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## 1.274 error\_highlight 0.3.0

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# 1.275 erb 2.2.3

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# 1.276 optparse 0.2.0

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## 1.279 did-you-mean 1.6.1

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## 1.280 yaml 0.2.0

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# YAML

CommonJS JavaScript YAML parser, fast and tiny. Although this implementation does not currently support the entire YAML specification, feel free to fork the project and submit a patch :)

# Usage

```
require('yaml').eval(string_of_yaml)
```

# Currently Supports

- \* Comments
- \* Sequences (arrays)
- \* Maps (hashes)
- \* Inline sequences
- \* Inline maps

- \* Nesting
- \* Primitive scalars (integers, floats, booleans, etc)
- \* Extended bools (enabled, disabled, yes, no, on, off, true, false)

## ## Installation

```
$ npm install yaml
```

## # Testing

Update git submodules and run:

```
$ make test
```

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```

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```

# 1.281 find 0.1.1

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# 1.282 benchmark 0.2.0

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## 1.283 test 3.5.3

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## 1.286 power-assert 2.0.1

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layout: docs

page\_title: Frequently Asked Questions (FAQ)

description: An overview of license.

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## # License FAQ

This FAQ section is for license changes and updates introduced for Vault Enterprise.

- [Q: How do the license termination changes affect upgrades?](#q-how-do-the-license-termination-changes-affect-upgrades)
- [Q: What impact on upgrades do the license termination behavior changes pose?](#q-what-impact-on-upgrades-do-the-license-termination-behavior-changes-pose)
- [Q: Will these license changes impact HCP Vault?](#q-will-these-license-changes-impact-hcp-vault)
- [Q: Do these license changes impact all Vault customers/licenses?](#q-do-these-license-changes-impact-all-vault-customers/licenses)
- [Q: What is the product behavior change introduced by the licensing changes?](#q-what-is-the-product-behavior-change-introduced-by-the-licensing-changes)
- [Q: How will Vault behave at startup when a license expires or terminates?](#q-how-will-vault-behave-at-startup-when-a-license-expires-or-terminates)
- 
- [Q: What is the impact on evaluation licenses due to this change?](#q-what-is-the-impact-on-evaluation-licenses-due-to-this-change)
- [Q: Are there any changes to existing methods for manual license loading (API or CLI)?](#q-are-there-any-changes-to-existing-methods-for-manual-license-loading-api-or-cli)
- [Q: Is there a grace period when evaluation licenses expire?](#q-is-there-a-grace-period-when-evaluation-licenses-expire)
- [Q: Does this affect clients?](#q-does-this-affect-clients)
- [Q: Are the license files locked to a specific cluster?](#q-are-the-license-files-locked-to-a-specific-cluster)
- [Q: Will a EULA check happen every time a Vault restarts?](#q-will-a-eula-check-happen-every-time-a-vault-restarts)
- [Q: What scenarios should a customer plan for due to these license changes?](#q-what-scenarios-should-a-customer-plan-for-due-to-these-license-changes)
- [Q: What is the migration path for customers who want to migrate from their existing license-as-applied-via-the-CLI flow to the license on disk flow?](#q-what-is-the-migration-path-for-customers-who-want-to-migrate-from-their-existing-license-as-applied-via-the-cli-flow-to-the-license-on-disk-flow)
- [Q: What is the path for customers who want to downgrade/rollback from Vault 1.11 or later (auto-loaded license mandatory) to a pre-Vault 1.11 (auto-loading not mandatory, stored license supported)?](#q-what-is-the-path-for-customers-who-want-to-downgrade-rollback-from-vault-1-11-or-later-auto-loaded-license-mandatory-to-a-pre-vault-1-11-auto-loading-not-mandatory-stored-license-supported)
- [Q: Is there a limited time for support of licenses that are in storage?](#q-is-there-a-limited-time-for-support-of-licenses-that-are-in-storage)
- [Q: What are the steps to upgrade from one autoloading license to another autoloading license?](#q-what-are-the-steps-to-upgrade-from-one-autoloading-license-to-another-autoloading-license)
- [Q: What are the Vault ADP module licensing changes introduced in 1.8?](#q-what-are-the-vault-adp-module-licensing-changes-introduced-in-1-8)
- [Q: How can the new ADP modules be purchased and what features are customer entitled to as part of that purchase?](#q-how-can-the-new-adp-modules-be-purchased-and-what-features-are-customer-entitled-to-as-part-of-that-purchase)
- [Q: What is the impact to customers based on these ADP module licensing changes?](#q-what-is-the-impact-to-customers-based-on-these-adp-module-licensing-changes)

### Q: What is the product behavior change introduced by the licensing changes?

Per the [feature deprecation plans](/docs/deprecation), Vault will no longer support licenses in storage. An [auto-loaded license](/docs/enterprise/license/autoloading) must be used instead. If you are using stored licenses, you must migrate to auto-loaded licenses prior to upgrading to Vault 1.11

Vault 1.12 will also introduce different termination behavior for evaluation licenses versus non-evaluation licenses. An [evaluation](https://www.hashicorp.com/products/vault/trial) license will include a 30-day trial period after which a running Vault server will terminate. Vault servers using a non-evaluation license will not terminate.

### Q: How do the license termination changes affect upgrades?

Vault 1.12 will introduce changes to the license termination behavior. Upgrades when using expired licenses will now be limited.

Vault will not startup if the build date of the binary is `_after_` the expiration date of a license. License expiration date and binary build date compatibility can be verified using the [Check for Autoloaded License](/docs/commands/operator/diagnose#check-for-autoloaded-license) check performed by the ``vault operator diagnose`` command.

The build date of a binary can also be found using the [vault version](/docs/commands/version#version) command.

A user can expect the following to occur based on the following scenarios:

**\*\*Evaluation or non-evaluation license is valid:\*\***

Vault will start normally

**\*\*Evaluation**

or non-evaluation license is expired, binary build date `_before_` license expiry date:

Vault will start normally

**\*\*Evaluation or non-evaluation license is expired, binary build date `_after_` license expiry date:\*\***

Vault will not start

**\*\*Evaluation license is terminated:\*\***

Vault will not start independent of the binary build date

**\*\*Non-evaluation license is terminated, binary build date `_before_` license expiry date:\*\***

Vault will start normally

**\*\*Non-evaluation license is terminated, binary build date `_after_` license expiry date:\*\***

Vault will not start

The Vault support team can issue you a temporary evaluation license to allow for security upgrades if your license has expired.

### Q: Will these license changes impact HCP Vault?

No, these changes will not impact HCP Vault.

### Q: Do these license changes impact all Vault customers/licenses?

| Customer/licenses                                                                                                           | Impacted? |
|-----------------------------------------------------------------------------------------------------------------------------|-----------|
| ENT binaries (evaluation or non-evaluation downloaded from [releases.hashicorp.com](https://releases.hashicorp.com/vault/)) | Yes       |
| Open-Source (OSS)                                                                                                           | No        |

### Q: What is the product behavior change introduced by the licensing changes?

With Vault 1.11, the use of an [auto-loaded license](/docs/enterprise/license/autoloading) is required for Vault to start successfully.

### Q: How will Vault behave at startup when a license expires or terminates?

When a license expires, Vault continues to function until the license terminates. This behavior exists today and remains unchanged in Vault 1.11. The grace period, defined as the time between license expiration and license termination, is one day for evaluation licenses (as of 1.8), and ten years for non-evaluation licenses.

Customers must provide a valid license before the grace period expires. This license is required to be [auto-loaded](/docs/enterprise/license/autoloading). When license terminates (upon grace period expiry), Vault will seal itself and customers will need a valid license in order to successfully bring-up Vault. If a valid license was not installed after license expiry, customers will need to provide one, and this license will need to be auto-loaded.

Vault 1.12 changes the license expiration and termination behavior. Evaluation licenses include a 30-day trial period after which a running Vault server will terminate. Non-evaluation licenses, however, will no longer terminate. When a non-evaluation license expires, Vault will continue to function but upgrades will be limited. The build date of the upgrade binary must be before the expiration date of the license.

Vault will not start when attempting to use an expired license and binary with a build date `_after_` the license expiration date. Attempting to [reload](/api-docs/system/config-reload#reload-license-file) an expired license will result in an error if the build date of the running Vault server is `_after_` the license expiration date.

License expiration date and binary build date compatibility can be verified using the [Check for Autoloaded License](/docs/commands/operator/diagnose#check-for-autoloaded-license) check performed by the ``vault operator diagnose`` command. The build date of a binary can also be found using the [vault version](/docs/commands/version#version) command.

### Q: What is the impact on evaluation licenses due to this change?

As of Vault 1.8, any Vault cluster deployed must have a valid [auto-loaded](/docs/enterprise/license/autoloading) license.

Vault 1.12 introduces [expiration and termination behavior changes](#q-how-will-vault-behave-at-startup-when-a-license-expires-or-terminates) for non-evaluation licenses. Evaluation licenses will continue to have a 1-day grace period upon license expiry after which they will terminate. Vault will seal itself and shutdown once an evaluation license terminates.

### Q: Are there any changes to existing methods for manual license loading (API or CLI)?

The `[`/sys/license`]/(api-docs/v1.10.x/system/license#install-license)` and `[`/sys/license/signed`]/(api-docs/v1.10.x/system/license#read-signed-license)` endpoints have been removed as of Vault 1.11. With that said, it is no longer possible to provide a license via the ``/sys/license`` endpoint. License `[auto-loading]/(docs/enterprise/license/autoloading)` must be used instead.

The `[`/sys/config/reload/license`]/(api-docs/system/config-reload#reload-license-file)` endpoint can be used to reload an auto-loaded license provided as a path via an environment variable or configuration.

### Q: Is there a grace period when evaluation licenses expire?

Evaluation licenses have a 1-day grace period. The grace period is the time until the license expires. Upon expiration, Vault will seal and will require a valid license to unseal and function properly.

### Q: Are the license files locked to a specific cluster?

The changes to licenses apply to all nodes in a cluster. The license files are not locked to a cluster, but are independently applied to the appropriate clusters.

### Q: Will a EULA check happen every time a Vault restarts?

Yes, starting with Vault 1.8, ENT binaries will be subjected to a EULA check. The release of Vault 1.8 introduces the EULA check for evaluation licenses (non-evaluation licenses are evaluated with a EULA check during contractual agreement) .

Although the agreement to a EULA occurs only once (when the user receives their license), Vault will check for the presence of a valid license every time a node is restarted.

Starting Vault 1.11, when customers deploy new Vault clusters, or upgrade existing Vault clusters, a valid `[auto-loaded]/(docs/enterprise/license/autoloading)` license must exist for the upgrade to be successful.

### Q: What scenarios should a customer plan for due to these license changes?

- **\*\*New Cluster Deployment\*\***: When a customer deploys new clusters to Vault 1.11 or later, a valid license must exist to successfully deploy. This valid license must be on-disk (`[auto-loaded]/(docs/enterprise/license/autoloading)`).

- **\*\*Eventual Migration\*\***: Vault 1.11 removes support for in-storage licenses. Migrating to an auto-loaded license is required for Vault to start successfully using version 1.11 or greater. Pre-existing license storage entries will be automatically removed from storage upon startup.

### Q: What is the migration path for customers who want to migrate from their existing license-as-applied-via-the-CLI flow to the license on disk flow?

If a Vault cluster using a stored license is planned to be upgraded to Vault 1.11 or greater, the operator must migrate to using an auto-loaded license. The `[`vault license get -signed`]/(docs/v1.10.x/commands/license/get)`

command (or underlying `[/sys/license/signed]/(api-docs/v1.10.x/system/license#read-signed-license)` endpoint) can be used to retrieve the license from storage in a running cluster.

It is not necessary to remove the stored license entry. That will occur automatically upon startup in Vault 1.11 or greater. Prior to completing the [recommended upgrade steps]/(docs/upgrading), perform the following to ensure your license is properly configured:

1. Use the command ``vault license get -signed`` to retrieve the license from storage of your running cluster.
2. Put the license on disk
3. Configure license auto-loading by specifying the `[/license_path]/(docs/configuration#license_path)` config option or setting the `[/VAULT_LICENSE]/(docs/commands#vault_license)` or `[/VAULT_LICENSE_PATH]/(o/docs/commands#vault_license_path)` environment variable.

### Q: What is the path for customers who want to downgrade/rollback from Vault 1.11 or later (auto-loaded license mandatory) to a pre-Vault 1.11 (auto-loading not mandatory, stored license supported)?

The downgrade procedure remains the same for Vault customers who are currently on Vault 1.11 or later, have a license installed via auto-loading, and would like to downgrade their cluster to a pre-1.11 version. Please refer to the [upgrade procedures](https://learn.hashicorp.com/tutorials/vault/sop-upgrade?in=vault/standard-procedures) that remind the customers that they must take a snapshot before the upgrade. Customers will need to restore their version from the snapshot, apply the pre-1.11 enterprise binary version they wish to roll back, and bring up the clusters.

### Q: Is there a limited time for support of licenses that are in storage?

The support of licenses installed by alternative means often leads to difficulties providing the appropriate support. To provide the support expected by our customers, as we have announced in [Vault feature deprecations and plans]/(docs/deprecation) we are removing support for licenses in storage with Vault 1.11. This implies licensing endpoints that deal with licenses in storage will be removed, and Vault will no longer check for valid licenses in storage. This change requires that all customers have [auto-loaded]/(docs/enterprise/license/autoloading) licenses to upgrade to 1.11(+) successfully.

### Q: What are the steps to upgrade from one autoloaded license to another autoloaded license?

Follow these steps to migrate from one autoloaded license to another autoloaded license.

1. Use the `[/vault license inspect]/(docs/commands/license/inspect)` command to compare the new license against the output of the `[/vault license get]/(docs/commands/license/get)` command. This is to ensure that you have the correct license.
1. Backup the old license file in a safe location.
1. Replace the old license file on each Vault server with the new one.
1. Invoke the [reload command]/(api-docs/system/config-reload#reload-license-file) on each individual Vault server, starting with the standbys and doing the leader last. Invoking in this manner reduces possible disruptions if something was performed incorrectly with the above steps. You can either use the [reload command]/(api-docs/system/config-reload#reload-license-file) or send a SIGHUP.
1. On each node, ensure that the new license is in use by using the `[/vault license get]/(docs/commands/license/get)` command and/or checking the logs.

## # ADP Licensing

This FAQ section is for the Advanced Data Protection (ADP) license changes introduced in Vault Enterprise 1.8.

### Q: What are the Vault ADP module licensing changes introduced in 1.8?

As of Vault Enterprise 1.8, the functionality formerly sold as the Vault ADP module is now separated between two new modules:

**\*\*ADP-KM\*\*** includes:

- [Key Management Secrets Engine (KMSE)](/docs/secrets/key-management)
- [Key Management Interoperability (KMIP)](/docs/secrets/kmip)
- [MSSQL Transparent Data Encryption (TDE)](<https://www.hashicorp.com/blog/enabling-transparent-data-encryption-for-microsoft-sql-with-vault>)

**\*\*ADP-Transform\*\***

includes:

- [Transform Secrets Engine (TSE)](/docs/secrets/transform)

### Q: How can the new ADP modules be purchased and what features are customer entitled to as part of that purchase?

**\*\*ADP-KM includes\*\***:

- This is the first Vault Enterprise module that can be purchased standalone. This means it can be purchased without the purchase of a Vault Enterprise Standard license.
- ADP-KM still requires a Vault Enterprise binary. The Vault Enterprise Standard license is automatically included with the ADP-KM module, but customers are contractually prohibited from using any features besides those in Vault OSS and ADP-KM (KMSE and KMIP).

**\*\*ADP-Transform includes\*\***:

- This module cannot be purchased as a standalone. It requires a Vault Enterprise binary, and customers must purchase the base Vault Enterprise Standard license (at least) to use the corresponding Enterprise features.
- The ADP-Transform SKU can be applied as an add-on.  
This workflow is similar to the consolidated ADP SKU.

### Q: What is the impact to customers based on these ADP module licensing changes?

Customers need to be aware of the following as a result of these changes:

- **\*\*New customers\*\*** may choose to purchase either or both of these modules. The old (consolidated) module is not available to them as an option.
- **\*\*Existing customers\*\*** may continue with the consolidated Vault ADP module uninterrupted. They will only be converted to one or both new ADP modules the next time they make a change to their licensing details (i.e. contract change).

### ### Enterprise Licenses

In versions 1.2.6, 1.3.9, 1.4.5, and 1.5.2, the enterprise licenses were not incorporated correctly into the build and we have issued patch releases (x.y.z.1) for enterprise customers containing the proper license. As the previous builds were both not working and causing confusion, we have removed the binaries.

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```

{{#if this.licenseExpired}}
<div class="license-banner-wrapper" data-test-license-banner data-test-license-banner-expired>
  <AlertBanner
    @bannerType="license"
    @type="danger"
    @title="License expired"
    @message="Your Vault license expired on {{ date-format
      @expiry
      'MMM d, yyyy'
    }}. Add a new license to your configuration and restart Vault."
    @marginless={{ true }}
  >
  <a
    href="https://learn.hashicorp.com/tutorials/nomad/hashicorp-enterprise-license"
    target="_blank"
    rel="noreferrer noopener"
  >
    Read documentation
  </a>
</AlertBanner>
</div>
{{else if (lte this.licenseExpiringInDays 30)}}
<div class="license-banner-wrapper" data-test-license-banner data-test-license-banner-warning>
  <AlertBanner
    @bannerType="license"
    @type="warning"
    @title="Vault license expiring"
    @message="Your Vault license will expire in {{ this.licenseExpiringInDays }} days at {{ date-format
      @expiry
      'hh:mm:ss a'
    }} on {{ date-format @expiry 'MMM d, yyyy' }}. {{ if
      @autoloaded
      'Add a new license to your configuration.'
      'Keep in mind that your next license will need to be autoloaded'
    }}"
    @marginless={{ true }}
  >
  <a
    href="https://learn.hashicorp.com/tutorials/nomad/hashicorp-enterprise-license"
    target="_blank"
    rel="noreferrer noopener"
  >
    Read documentation
  </a>
</AlertBanner>
</div>
{{/if}}

```

```
---
layout: docs
page_title: License Autoloading
description: An overview of license autoloading.
---
```

## # License Autoloading

Prior to Vault 1.8, Vault Enterprise would be licensed using special binaries that contained embedded licenses, or via a license written into Vault storage using the [POST sys/license API](/api-docs/system/license#install-license).

As of Vault 1.8 those options still exist but are deprecated, and the recommended mechanism for managing licenses is called License Autoloading. New clusters are required to use the autoloading method.

License Autoloading can be done using one of these mechanisms, in decreasing order of priority (i.e. `VAULT\_LICENSE` takes precedence over `VAULT\_LICENSE\_PATH`, which takes precedence over `license\_path` in config.)

- [VAULT\_LICENSE environment variable](/docs/commands#vault\_license)
- [VAULT\_LICENSE\_PATH environment variable](/docs/commands#vault\_license\_path)
- [license\_path in config](/docs/configuration#license\_path)

### Nodes within

a cluster should be consistently licensed. All nodes in a cluster should use autoloading, or none should. If autoloading is used, all nodes should use the same license string. Warnings will be written to the log when there are discrepancies.

If autoloading is used, any existing stored license will be ignored. The presence of a stored license in conjunction with an autoloaded license will also result in logged warnings, which may require a service restart to clear.

```
<LicenseInfo
  @startTime={{this.model.startTime}}
  @expirationTime={{this.model.expirationTime}}
  @licenseId={{this.model.licenseId}}
  @features={{this.model.features}}
  @autoloaded={{this.model.autoloaded}}
  @performanceStandbyCount={{this.model.performanceStandbyCount}}
/>
```

```
---
layout: docs
page_title: license - Command
description: |-
  The "license" command groups subcommands for interacting with Vault licenses.
---
```



# license

The `license` command groups subcommands for interacting with Vault licenses

For more information, please see the [license documentation](/docs/enterprise/license)

## Examples

Query current license in use by a node:

```
```shell-session
$ vault license get
Key          Value
---          -
expiration_time  2022-05-17T23:59:59.999Z
features        [HSM Performance Replication DR Replication MFA Sentinel Seal Wrapping Control Groups
Performance Standby Namespaces KMIP Entropy Augmentation Transform Secrets Engine Lease Count Quotas
Key Management Secrets Engine Automated Snapshots]
license_id      060d7820-fa59-f95c-832b-395db0aeb9ba
performance_standby_count  9999
start_time      2021-05-17T00:00:00Z
```
```

Query signed license string (only when using a deprecated stored license)

```
```shell-session
$ vault license get -signed
02MV4UU43BK5H...
```
```

Inspect a signed a license string:

```
```shell-session
$ vault license inspect ~/vaults/license
Source: /Users/ncc/vaults/license
Product: vault
License ID: 060d7820-fa59-f95c-832b-395db0aeb9ba
Customer ID: 5401ae3b-136b-3e47-3b43-432927fa03e7
Installation ID: *
Issue Time: 2021-05-17 19:33:47.93981585 +0000 UTC
Start Time: 2021-05-17 00:00:00 +0000 UTC
Expiration Time: 2022-05-17 23:59:59.999 +0000 UTC
{"license_id":"060d7820-fa59-f95c-832b-395db0aeb9ba","customer_id":"5401ae3b-136b-3e47-3b43-432927fa03e7","installation_id":"*","issue_time":"2021-05-17T19:33:47.93981585Z","start_time":"2021-05-17T00:00:00Z","expiration_time":"2022-05-17T23:59:59.999Z","flags":{"modules":["multi-dc-scale","governance-policy","advanced-data-protection"]},"features":["HSM","Performance Replication","DR Replication","MFA","Sentinel","Seal Wrapping","Control Groups","Performance
```
```

```
Standby","Namespaces","KMIP","Entropy  
Augmentation","Transform Secrets Engine","Lease Count Quotas","Key Management Secrets Engine","Automated  
Snapshots"],"performance_standby_count":9999}
```

License is valid

...

## Usage

```text

Usage: vault license <subcommand> [options] [args]

# ...

Subcommands:

```
get    Query Vault's license  
inspect View the contents of a license string
```

...

For more information, examples, and usage about a subcommand, click on the name of the subcommand in the sidebar.

```
variable "file_name" {
```

```
  output "license" {  
    value = file(var.file_name)  
  }
```

---

layout: api

page\_title: /sys/license/status - HTTP API

description: |-

The `/sys/license/status` endpoint is used to view the license used in Vault.`

---

```
# `sys/license/status`
```

~> **Enterprise Only** These endpoints require Vault Enterprise.

The `/sys/license/status` endpoint is used to view update the license used in Vault.`

## License Status

This endpoint returns information about licensing. See [license autoloading](/docs/enterprise/license/autoloading) for additional background.

In the response:

- ``autoloading_used`` will be true if an autoloaded license was provided to the node, false otherwise. This should always be true from Vault 1.11.0 onward.
- ``autoloaded`` is the autoloaded license if `autoloading_used` is true.
- ``persisted_autoload`` is the autoloaded license the active node last wrote to storage; this is only used to detect inconsistently licensed nodes in the cluster. It cannot be used as a license itself.
- ``stored`` was used for the stored license prior to Vault 1.11.0. Stored licenses are no longer supported.

``autoloaded``, and ``persisted_autoload`` will both have the same structure.

```
| Method | Path          |
|:-----|:-----|
| `GET`  | `/sys/license/status` |
```

### ### Sample Request

```
```shell-session
$ curl \
  --header "X-Vault-Token: ..." \
  http://127.0.0.1:8200/v1/sys/license/status
```
```

### ### Sample Response

```
```json
{
  "data": {
    "autoloading_used": true,
    "autoloaded": {
      "expiration_time": "2022-05-17T23:59:59Z",
      "features": [
        "HSM",
        "Performance Replication",
        "DR Replication",
        "MFA",
        "Sentinel",
        "Seal Wrapping",
        "Control Groups",
        "Performance Standby",
        "Namespaces",
        "KMIP",
        "Entropy Augmentation",
        "Transform Secrets Engine",
        "Lease Count Quotas",
        "Key Management Secrets Engine",
        "Automated Snapshots"
      ]
    }
  }
}
```



```
```shell-session
$ vault license inspect
Source: /Users/ncc/vaults/license
Product: vault
License ID: 060d7820-fa59-f95c-832b-395db0aeb9ba
Customer ID: 5401ae3b-136b-3e47-3b43-432927fa03e7
Installation ID: *
Issue Time: 2021-05-17 19:33:47.93981585 +0000 UTC
Start Time: 2021-05-17 00:00:00 +0000 UTC
Expiration Time: 2022-05-17 23:59:59.999 +0000 UTC
Termination Time: 2031-05-17 23:59:59.999 +0000 UTC
{"license_id":"060d7820-fa59-f95c-832b-395db0aeb9ba","customer_id":"5401ae3b-136b-3e47-3b43-432927fa03e7","installation_id":"*","issue_time":"2021-05-17T19:33:47.93981585Z","start_time":"2021-05-17T00:00:00Z","expiration_time":"2022-05-17T23:59:59.999Z","flags":{"modules":["multi-dc-scale","governance-policy","advanced-data-protection"]},"features":["HSM","Performance Replication","DR Replication","MFA","Sentinel","Seal Wrapping","Control Groups","Performance Standby","Namespaces","KMIP","Entropy Augmentation","Transform Secrets Engine","Lease Count Quotas","Key Management Secrets Engine","Automated Snapshots"],"performance_standby_count":9999}

License is valid
```
```

Describe license at given path:

```
```shell-session
$ vault license inspect ~/vaults/license
Source: /Users/ncc/vaults/license
Product: vault
License ID: 060d7820-fa59-f95c-832b-395db0aeb9ba
Customer ID: 5401ae3b-136b-3e47-3b43-432927fa03e7
Installation ID: *
Issue Time: 2021-05-17 19:33:47.93981585 +0000 UTC
Start Time: 2021-05-17 00:00:00 +0000 UTC
Expiration Time: 2022-05-17 23:59:59.999 +0000 UTC
Termination Time: 2031-05-17 23:59:59.999 +0000 UTC
{"license_id":"060d7820-fa59-f95c-832b-395db0aeb9ba","customer_id":"5401ae3b-136b-3e47-3b43-432927fa03e7","installation_id":"*","issue_time":"2021-05-17T19:33:47.93981585Z","start_time":"2021-05-17T00:00:00Z","expiration_time":"2022-05-17T23:59:59.999Z","flags":{"modules":["multi-dc-scale","governance-policy","advanced-data-protection"]},"features":["HSM","Performance Replication","DR Replication","MFA","Sentinel","Seal Wrapping","Control Groups","Performance Standby","Namespaces","KMIP","Entropy Augmentation","Transform Secrets Engine","Lease Count Quotas","Key Management Secrets Engine","Automated Snapshots"],"performance_standby_count":9999}

License is valid
```
```

## Usage

The following flags are available in addition to the [standard set of flags](/docs/commands) included on all commands.

### ### Command Options

- `--installation-id` `(string: "")` - Installation ID to validate the license against

<PageHeader as |p|>

<p.levelLeft>

<h1 class="title is-3">License</h1>

</p.levelLeft>

</PageHeader>

<section class="box is-sideless is-marginless is-shadowless is-fullwidth">

<span class="title is-5">Details</span>

<div class="field box is-fullwidth is-shadowless is-paddingless is-marginless">

<InfoTableRow @label="License ID" @value={{ @licenseId }} data-test-detail-row />

<InfoTableRow @label="Valid from" @value={{ @startTime }} data-test-detail-row>

  {{ date-format @startTime "MMM dd, yyyy hh:mm:ss a" }}

  to

  {{ date-format @expirationTime "MMM dd, yyyy hh:mm:ss a" }}

</InfoTableRow>

<InfoTableRow @label="License state" @value={{ "Autoloaded" }} data-test-detail-row />

</div>

</section>

<section class="box is-sideless is-marginless is-shadowless is-fullwidth">

<span class="title is-5">Features</span>

<div class="field box is-fullwidth is-shadowless is-paddingless is-marginless">

  {{#each this.featuresInfo as |info|}}

    <InfoTableRow @label={{ info.name }}>

    @value={{ if info.active "Active" "Not Active" }} data-test-feature-row>

      {{#if info.active}}

        <Icon @name="check-circle" class="icon-true" />

        <span data-test-feature-status>

          Active

          {{#if info.count}}&mdash; {{ info.count }} standby nodes allotted{{/if}}

        </span>

      {{else}}

        <Icon @name="x-circle" class="icon-false" />

        <span data-test-feature-status>Not Active</span>

      {{/if}}

    </InfoTableRow>

  {{/each}}

</div>

</section>

---

layout: docs

page\_title: license get - Command

description: |-

The "license get" command reports on the license in use.

---

# license get

The `license get` command reports on the license in use. With the `-signed` flag, it will return the actual license string, but only if the license is stored, as opposed to [autoloaded](/docs/enterprise/license/autoloading).

## Examples

Describe current license:

```
```shell-session
```

```
$ vault license get
```

```
Key          Value
```

```
---
```

```
expiration_time      2022-05-17T23:59:59Z
```

```
features             [HSM Performance Replication DR Replication MFA Sentinel Seal Wrapping Control Groups  
Performance Standby Namespaces KMIP Entropy Augmentation Transform Secrets Engine Lease Count Quotas  
Key Management Secrets Engine Automated Snapshots]
```

```
license_id           060d7820-fa59-f95c-832b-395db0aeb9ba
```

```
performance_standby_count 9999
```

```
start_time           2021-05-17T00:00:00Z
```

```
termination_time
```

```
2031-05-17T23:59:59Z
```

```
```
```

Get stored license string:

```
```shell-session
```

```
$ vault license get -signed
```

```
02MV4UU43BK5H...
```

```
```
```

Try to get stored license string when using autoloading:

```
```shell-session
```

```
$ vault license get -signed
```

```
License not found or using a temporary license.
```

```
```
```

## Usage

The following flags are available in addition to the [standard set of flags](/docs/commands) included on all commands.

### ### Command Options

- `signed` (bool: false) - Return the signed license string when using a stored license.

---

layout: docs

page\_title: Vault Enterprise License

description: An overview of license.

---

### # Vault License

Licenses and EULA enhancements have been introduced in Vault 1.8 release. Please refer to the [\[FAQ\]\(/docs/enterprise/license/faq\)](#) for common questions concerning these changes.

The [\[Install a HashiCorp Enterprise License\]\(https://learn.hashicorp.com/tutorials/nomad/hashicorp-enterprise-license?in=vault/enterprise\)](https://learn.hashicorp.com/tutorials/nomad/hashicorp-enterprise-license?in=vault/enterprise) tutorial provides the instruction to load your Vault license.

```
.license-banner-wrapper {
```

```
width: 100%;
```

```
max-width: 1344px;
```

```
margin: $spacing-l auto 0;
```

```
padding: 0 1.5rem;
```

```
}
```

```
package license
```

```
// Features is a bitmask of feature flags
```

```
type Features uint
```

```
const FeatureNone Features = 0
```

```
func (f Features) HasFeature(flag Features) bool {
```

```
return false
```

```
}
```

# 1.289 go-retryablehttp 0.7.1

## 1.289.1 Available under license :

Mozilla Public License, version 2.0

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\* /opt/cola/permits/1482092357\_1669078361.6643262/0/jnr-constants-0-10-4-sources-jar/jnr/constants/platform/ConstantResolver.java

\* /opt/cola/permits/1482092357\_1669078361.6643262/0/jnr-constants-0-10-4-sources-jar/jnr/constants/ConstantSet.java

\* /opt/cola/permits/1482092357\_1669078361.6643262/0/jnr-constants-0-10-4-sources-jar/jnr/constants/PlatformConstants.java

\*

/opt/cola/permits/1482092357\_1669078361.6643262/0/jnr-constants-0-10-4-sources-jar/jnr/constants/Constant.java

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## 1.295 go.uber.org/atom 1.9.0

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## 1.298 ostruct 0.5.5

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## 1.303 kerberos 1.15.1-55.el7\_9

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cmd/krb5/kadmin/server/iprofd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
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lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c

lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

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

include/ipropr\_hdr.h  
kadmin/server/ipropr\_svc.c  
lib/kdb/ipropr.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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The following people have worked to translate sudo into other languages:

Blttermann, Mario  
Bogusz, Jakub  
Buo-ren, Lin  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho  
Chornoivan, Yuri  
Diguez, Francisco  
Fontenelle, Rafael  
Garca-Fontes, Walter  
Gezer, Volkan  
Hamasaki, Takeshi  
Hamming, Peter  
Hansen, Joe  
Hantrais, Frdric  
Hein, Jochen  
Hufthammer, Karl Ove  
Jerovek, Damir  
Karvonen, Jorma  
Kazik, Duan  
Kelemen, Gbor  
Keeci, Mehmet  
Koir, Klemen  
Kozlov, Yuri  
Kramer, Jakob  
Krznar, Tomislav  
Marchal, Frdric  
Margeviius, Algimantas  
Maryanov, Pavel  
Nikoli, Miroslav

Nylander, Daniel  
Psa, Petr  
Putanec, Boidar  
Qun, Trn Ngc  
Rasmussen, Sebastian  
Regueiro, Leandro  
Sarar, zgr  
Sendn, Abel  
Sikrom, ka  
Spingos, Dimitris  
Taniguchi, Yasuaki  
Tomat, Fbio  
r, Balzs  
Uranga, Mikel Olasagasti  
Vorotnikov, Artem  
Wang, Wylmer

## 1.305 mattn-go-isatty 0.0.14

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## 1.306 hashicorp-go-cleanhttp 0.5.2

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## 1.311 bigdecimal 3.1.4

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## 1.312 vt-dictionary 3.0

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\*

/opt/cola/permits/1606864655\_1679439879.5068474/0/vt-dictionary-3-0-sources-6-jar/edu/vt/middleware/dictionary/sort/SelectionSort.java

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\* /opt/cola/permits/1606864655\_1679439879.5068474/0/vt-dictionary-3-0-sources-6-jar/edu/vt/middleware/dictionary/sort/BubbleSort.java

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jar/org/mariadb/jdbc/internal/util/DeRegister.java
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*
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```
/opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/util/OptionUtils.java
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```
org.mariadb.jdbc.internal.protocol.tls.DefaultTlsSocketPlugin
```

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```
// Use proprietary verify method in order to have an exception with a better description
```

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```
/opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org.mariadb.jdbc/internal/protocol/tls/DefaultTlsSocketPlugin.java
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\*

/opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/credential/system/PropertiesCredentialPlugin.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/credential/CredentialPlugin.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/credential/aws/AwsIamCredentialPlugin.java

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\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/credential/env/EnvCredentialPlugin.java

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org.mariadb.jdbc.Driver

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org.mariadb.jdbc.internal.com.send.authentication.OldPasswordPlugin  
org.mariadb.jdbc.internal.com.send.authentication.SendPamAuthPacket  
org.mariadb.jdbc.internal.com.send.authentication.Sha256PasswordPlugin  
org.mariadb.jdbc.internal.com.send.authentication.CachingSha2PasswordPlugin

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in path(s):

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org.mariadb.jdbc.credential.env.EnvCredentialPlugin
```

```
org.mariadb.jdbc.credential.system.PropertiesCredentialPlugin
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- \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/osgi/MariaDbDataSourceFactory.java

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\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/com/send/authentication/Ed25519PasswordPlugin.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/util/pool/PoolMBean.java

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/opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/com/send/parameters/BooleanParameter.java

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This plugin uses public domain ed25519 code by str4d (<https://github.com/str4d/ed25519-java>).  
 It is "ref10" java implementation from the SUPERCOP ed25519:

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MariaDB changes:

- doesn't register ed25519 to global java providers
- remove unused classes

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jar/org/mariadb/jdbc/internal/util/Utils.java  
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jar/org/mariadb/jdbc/internal/com/read/resultset/UpdatableResultSet.java  
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jar/org/mariadb/jdbc/MariaXaResource.java  
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jar/org/mariadb/jdbc/MariaDbProcedureStatement.java  
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jar/org/mariadb/jdbc/internal/util/dao/ClientPrepareResult.java  
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jar/org/mariadb/jdbc/internal/com/send/parameters/ShortParameter.java  
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jar/org/mariadb/jdbc/internal/com/send/parameters/ByteArrayParameter.java  
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jar/org/mariadb/jdbc/internal/failover/impl/MastersFailoverListener.java  
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jar/org/mariadb/jdbc/BasePrepareStatement.java  
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jar/org/mariadb/jdbc/internal/util/constant/HaMode.java  
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jar/org/mariadb/jdbc/internal/com/send/authentication/SendGssApiAuthPacket.java  
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jar/org/mariadb/jdbc/internal/protocol/AsyncMultiReadResult.java  
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/opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/MariaDbClob.java  
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\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/io/socket/UnixDomainSocket.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/protocol/MasterProtocol.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/io/output/CompressPacketOutputStream.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/com/send/parameters/FloatParameter.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/util/ServerPrepareStatementCache.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/protocol/AsyncMultiRead.java

\*

/opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/util/exceptions/MaxAllowedPacketException.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/util/dao/CloneableCallableStatement.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/com/read/resultset/rowprotocol/RowProtocol.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-jar/org/mariadb/jdbc/internal/com/read/dao/CmdInformationSingle.java

\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-

```

jar/org/mariadb/jdbc/internal/io/socket/SocketUtility.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/util/constant/StateChange.java
*
/opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/MariaDbSavepoint.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/read/ReadInitialHandShakePacket.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/authentication/ClearPasswordPlugin.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/parameters/IntParameter.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/authentication/gssapi/StandardGssapiAuthentication.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/io/input/PacketInputStream.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/SendClosePacket.java
*
/opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/SendChangeDbPacket.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/MariaDbXid.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/UrlParser.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/io/input/StandardPacketInputStream.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/failover/thread/FailoverLoop.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/MariaDbParameterMetaData.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/util/BulkStatus.java
*
/opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/parameters/ZonedDateTimeParameter.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/util/dao/ReconnectDuringTransactionException.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/parameters/TimestampParameter.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/logging/Slf4JLogger.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/SendHandshakeResponsePacket.java
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-
jar/org/mariadb/jdbc/internal/com/send/parameters/DoubleParameter.java
*

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/opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/io/TraceObject.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/com/send/authentication/NativePasswordPlugin.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/util/dao/Identifier.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/io/socket/SharedMemorySocket.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/protocol/MastersReplicasProtocol.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/protocol/Protocol.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/com/send/parameters/DefaultParameter.java  
 \*  
 /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/com/send/parameters/StreamParameter.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/failover/thread/ConnectionValidator.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/CallableParameterMetaData.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/com/read/resultset/rowprotocol/BinaryRowProtocol.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/io/LruTraceCache.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/failover/AbstractMastersReplicasListener.java  
 \*  
 /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/com/send/parameters/BigDecimalParameter.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/MariaDbDatabaseMetaData.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/logging/NoLogger.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/util/scheduler/MariaDbThreadFactory.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/SimpleParameterMetaData.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/logging/Logger.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/ClientSidePreparedStatement.java  
 \*  
 /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/util/pid/PidFactory.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
 jar/org/mariadb/jdbc/internal/com/send/parameters/ParameterHolder.java  
 \* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-

jar/org/mariadb/jdbc/internal/io/output/PacketOutputStream.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/util/dao/ServerPrepareResult.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/com/send/parameters/LongParameter.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/failover/impl/AuroraListener.java  
\*  
/opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/util/constant/Version.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/MariaDbPooledConnection.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/util/constant/ServerStatus.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/failover/AbstractMastersListener.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/failover/impl/MastersReplicasListener.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/protocol/AuroraProtocol.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/BlobOutputStream.java  
\*  
/opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/com/send/parameters/StringParameter.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/protocol/tls/MariaDbX509KeyManager.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/io/socket/NamedPipeSocket.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/Driver.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/com/send/ComStmtExecute.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/protocol/tls/HostnameVerifierImpl.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/com/read/dao/Results.java  
\*  
/opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/failover/tools/SearchFilter.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/util/dao/CallableStatementCacheKey.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/MariaDbConnection.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/io/output/StandardPacketOutputStream.java  
\* /opt/cola/permits/1606927196\_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/MariaDbBlob.java

```
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/util/dao/PrepareResult.java  
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/logging/ProtocolLoggingProxy.java  
*  
/opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/com/read/dao/CmdInformation.java  
* /opt/cola/permits/1606927196_1680760698.1932235/0/mariadb-java-client-2-7-2-sources-2-  
jar/org/mariadb/jdbc/internal/com/read/dao/CmdInformationMultiple.java
```

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## 1.316 sg3-utils 1.37-19

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10th April 2012

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```
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/MissingAlgorithmException.java
*
/opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/Signer.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/MissingSignatureException.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/InvalidCreatedFieldException.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/EC.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/Base64.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/Join.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/MissingKeyIdException.java
*
/opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/PEM.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/Signature.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/SigningAlgorithm.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
jar/org/tomitribe/auth/signatures/Algorithm.java
* /opt/cola/permits/1621787403_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-
```



jar/org/tomitribe/auth/signatures/InvalidExpiresFieldException.java  
\* /opt/cola/permits/1621787403\_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-  
jar/org/tomitribe/auth/signatures/Verifier.java  
\* /opt/cola/permits/1621787403\_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-  
jar/org/tomitribe/auth/signatures/UnsupportedAlgorithmException.java  
\*  
/opt/cola/permits/1621787403\_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-  
jar/org/tomitribe/auth/signatures/MissingRequiredHeaderException.java  
\* /opt/cola/permits/1621787403\_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-  
jar/org/tomitribe/auth/signatures/UnparsableSignatureException.java  
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```

*
*****
* Convert PKCS#1 encoded private key into RSAPrivateCrtKeySpec.
*
* <p/>The ASN.1 syntax for the private key
with CRT is
*
* <pre>
* --
* -- Representation of RSA private key with information for the CRT algorithm.
* --
* RSAPrivateKey ::= SEQUENCE {
*   version      Version,
*   modulus      INTEGER, -- n
*   publicExponent  INTEGER, -- e
*   privateExponent  INTEGER, -- d
*   prime1       INTEGER, -- p
*   prime2       INTEGER, -- q
*   exponent1    INTEGER, -- d mod (p-1)
*   exponent2    INTEGER, -- d mod (q-1)
*   coefficient   INTEGER, -- (inverse of q) mod p
*   otherPrimeInfos  OtherPrimeInfos OPTIONAL
* }
* </pre>
*
* @param keyInPkcs1 PKCS#1 encoded key
* @throws java.io.IOException
*/

```

Found in path(s):

\* /opt/cola/permits/1621787403\_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-jar/org/tomitribe/auth/signatures/RSA.java

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Found in path(s):

\* /opt/cola/permits/1621787403\_1680191788.4827948/0/tomitribe-http-signatures-1-5-sources-2-jar/org/tomitribe/auth/signatures/Signatures.java

# 1.318 vt-crypt 2.2

## 1.318.1 Available under license :

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\$Id: Blowfish.java 2744 2013-06-25 20:20:29Z dfisher \$

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Author: Middleware Services

Email: middleware@vt.edu

Version: \$Revision: 2744 \$

Updated: \$Date: 2013-06-25 16:20:29 -0400 (Tue, 25 Jun 2013) \$

\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/Blowfish.java

No license file was found, but licenses were detected in source scan.

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\$Id: EncryptionScheme.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-

jar/edu/vt/middleware/crypt/pbe/EncryptionScheme.java

No license file was found, but licenses were detected in source scan.

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\$Id: ECDSASignature.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/signature/ECDSASignature.java

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\$Id: RC2.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/RC2.java

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\$Id: PublicKeyCredentialReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/PublicKeyCredentialReader.java  
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\$Id: MD4.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/MD4.java  
No license file was found, but licenses were detected in source scan.

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\$Id: DecryptPropertyTask.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/tasks/DecryptPropertyTask.java

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\$Id: PKCS12EncryptionScheme.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/PKCS12EncryptionScheme.java

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\$Id: PBES2Algorithm.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pkcs/PBES2Algorithm.java

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\$Id: CryptProvider.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/CryptProvider.java

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\$Id: PolicyQualifierInfo.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/PolicyQualifierInfo.java

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\$Id: AbstractX509CredentialReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/AbstractX509CredentialReader.java

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\$Id: PBKDF1KeyGenerator.java 2744 2013-06-25 20:20:29Z dfisher \$

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\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/PBKDF1KeyGenerator.java

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\$Id: AbstractEncryptionCli.java 2745 2013-06-25 21:16:10Z dfisher \$

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\$Id: RipeMD320.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/RipeMD320.java

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\$Id: AttributeType.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/AttributeType.java

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\$Id: X509CertificatesCredentialReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/X509CertificatesCredentialReader.java

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\$Id: KeyIdentifier.java 2745 2013-06-25 21:16:10Z dfisher \$

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\$Id: RelativeDistinguishedName.java 2744 2013-06-25 20:20:29Z dfisher \$

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\$Id: AbstractEncryptionAlgorithm.java 2745 2013-06-25 21:16:10Z dfisher \$

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\$Id: TeePrintStream.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/TeePrintStream.java

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\$Id: AccessDescription.java 2745 2013-06-25 21:16:10Z dfisher \$

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\$Id: ExtensionType.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/ExtensionType.java

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\$Id: AbstractPKCSKeyGenerator.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/AbstractPKCSKeyGenerator.java  
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\$Id: AccessDescriptionList.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/AccessDescriptionList.java  
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\$Id: KeyUsage.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/KeyUsage.java

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\$Id: CryptWriter.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/util/CryptWriter.java

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\$Id: AlgorithmSpec.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/RC6.java

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\$Id: DigestAlgorithm.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/DigestAlgorithm.java

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\$Id: DSASignature.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/signature/DSASignature.java

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\$Id: AES.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/AES.java

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\$Id: AbstractEncodingFilterInputStream.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/AbstractEncodingFilterInputStream.java

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\$Id: UserNotice.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/UserNotice.java

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/\*

\$Id: BasicConstraints.java 2745 2013-06-25 21:16:10Z dfisher \$

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Email: middleware@vt.edu  
Version: \$Revision: 2745 \$  
Updated: \$Date: 2013-06-25 17:16:10 -0400 (Tue, 25 Jun 2013) \$  
\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/BasicConstraints.java

No license file was found, but licenses were detected in source scan.

/\*

\$Id: LDAPv3DNFormatter.java 2745 2013-06-25 21:16:10Z dfisher \$

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Updated: \$Date: 2013-06-25 17:16:10 -0400 (Tue, 25 Jun 2013) \$  
\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/LDAPv3DNFormatter.java

No license file was found, but licenses were detected in source scan.

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\$Id: OpenSSLEncryptionScheme.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/OpenSSLEncryptionScheme.java

No license file was found, but licenses were detected in source scan.

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\$Id: Convert.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/util/Convert.java

No license file was found, but licenses were detected in source scan.

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\$Id: Base64FilterInputStream.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/Base64FilterInputStream.java

No license file was found, but licenses were detected in source scan.

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\$Id: AsymmetricCli.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/asymmetric/AsymmetricCli.java

No license file was found, but licenses were detected in source scan.

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\$Id: PrivateKeyCredentialReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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Updated: \$Date: 2013-06-25 16:20:29 -0400 (Tue, 25 Jun 2013) \$  
\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/PrivateKeyCredentialReader.java

No license file was found, but licenses were detected in source scan.

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\$Id: OpenSSLKeyGenerator.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/OpenSSLKeyGenerator.java

No license file was found, but licenses were detected in source scan.

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\$Id: PolicyInformation.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/PolicyInformation.java

No license file was found, but licenses were detected in source scan.

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\$Id: EncryptPropertyTask.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/tasks/EncryptPropertyTask.java

No license file was found, but licenses were detected in source scan.

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\$Id: Skipjack.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/Skipjack.java

No license file was found, but licenses were detected in source scan.

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\$Id: Serpent.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/Serpent.java

No license file was found, but licenses were detected in source scan.

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\$Id: RC4.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/RC4.java

No license file was found, but licenses were detected in source scan.

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\$Id: PBES1EncryptionScheme.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/PBES1EncryptionScheme.java

No license file was found, but licenses were detected in source scan.

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\$Id: KeyStoreCli.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/KeyStoreCli.java

No license file was found, but licenses were detected in source scan.

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\$Id: PKCS12KeyGenerator.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/PKCS12KeyGenerator.java

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\$Id: SHA256.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/SHA256.java

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\$Id: AbstractAlgorithm.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/AbstractAlgorithm.java

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\$Id: IOHelper.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/IOHelper.java

No license file was found, but licenses were detected in source scan.

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\$Id: AttributeTypeAndValue.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/AttributeTypeAndValue.java  
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\$Id: DistributionPoint.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/DistributionPoint.java  
No license file was found, but licenses were detected in source scan.

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\$Id: MD2.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/MD2.java

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\$Id: HexFilterInputStream.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

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\$Id: X509Utils.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/X509Utils.java

No license file was found, but licenses were detected in source scan.

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\$Id: SymmetricCli.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/SymmetricCli.java

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\$Id: GeneralName.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/GeneralName.java

No license file was found, but licenses were detected in source scan.

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\$Id: AuthorityKeyIdentifier.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/AuthorityKeyIdentifier.java

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\$Id: SecretKeyCredentialReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/SecretKeyCredentialReader.java

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\$Id: CredentialReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/CredentialReader.java

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\$Id: List.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/List.java

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\$Id: KeyGenerator.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

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\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/KeyGenerator.java

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\$Id: DNFormatter.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/DNFormatter.java

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\$Id: PBES2EncryptionScheme.java 2744 2013-06-25 20:20:29Z dfisher \$

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\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/PBES2EncryptionScheme.java

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\$Id: PBKDF2KeyGenerator.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/PBKDF2KeyGenerator.java

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\$Id: SignatureAlgorithm.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/signature/SignatureAlgorithm.java

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\$Id: PBKDF2Parameters.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pkcs/PBKDF2Parameters.java

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\$Id: PemHelper.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/util/PemHelper.java

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\$Id: X509CertificateCredentialReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/X509CertificateCredentialReader.java

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\$Id: SecretKeyUtils.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/SecretKeyUtils.java

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\$Id: CryptReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/util/CryptReader.java

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\$Id: DirectByteArrayOutputStream.java 2744 2013-06-25 20:20:29Z dfisher \$

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Version: \$Revision: 2744 \$  
Updated: \$Date: 2013-06-25 16:20:29 -0400 (Tue, 25 Jun 2013) \$  
\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/DirectByteArrayOutputStream.java

No license file was found, but licenses were detected in source scan.

/\*

\$Id: RipeMD128.java 2744 2013-06-25 20:20:29Z dfisher \$

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Email: middleware@vt.edu  
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Updated: \$Date: 2013-06-25 16:20:29 -0400 (Tue, 25 Jun 2013) \$  
\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/RipeMD128.java

No license file was found, but licenses were detected in source scan.

/\*

\$Id: PBES1Algorithm.java 2745 2013-06-25 21:16:10Z dfisher \$

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Version: \$Revision: 2745 \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pkcs/PBES1Algorithm.java

No license file was found, but licenses were detected in source scan.

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\$Id: NoticeReference.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/NoticeReference.java

No license file was found, but licenses were detected in source scan.

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\$Id: DistributionPointList.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/DistributionPointList.java  
No license file was found, but licenses were detected in source scan.

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\$Id: Whirlpool.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/Whirlpool.java  
No license file was found, but licenses were detected in source scan.

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\$Id: Tiger.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/Tiger.java

No license file was found, but licenses were detected in source scan.

/\*

\$Id: Base64FilterOutputStream.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/Base64FilterOutputStream.java

No license file was found, but licenses were detected in source scan.

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\$Id: DNUtils.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/DNUtils.java

No license file was found, but licenses were detected in source scan.

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\$Id: KeyPurposeId.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/KeyPurposeId.java

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\$Id: HexFilterOutputStream.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/HexFilterOutputStream.java

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\$Id: Twofish.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/Twofish.java

No license file was found, but licenses were detected in source scan.

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\$Id: EncryptionAlgorithm.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/EncryptionAlgorithm.java

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\$Id: CryptException.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/CryptException.java

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\$Id: RDNSSequenceIterator.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/RDNSequenceIterator.java

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\$Id: Randomizable.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/Randomizable.java

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\$Id: GeneralNameType.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/GeneralNameType.java

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\$Id: CAST5.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/CAST5.java

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\$Id: Algorithm.java 2745 2013-06-25 21:16:10Z dfisher \$

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\$Id: MD5.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/MD5.java

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\$Id: SymmetricAlgorithm.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/SymmetricAlgorithm.java

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\$Id: Base64Converter.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/util/Base64Converter.java

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\$Id: AsymmetricAlgorithm.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/asymmetric/AsymmetricAlgorithm.java

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\$Id: KeyPurposeIdList.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/KeyPurposeIdList.java

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\$Id: DES.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/DES.java

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\$Id: ReasonFlags.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/ReasonFlags.java

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\$Id: RSASignature.java 2745 2013-06-25 21:16:10Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/signature/RSASignature.java

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\$Id: AccessMethod.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/AccessMethod.java

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\$Id: ExtensionFactory.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/ExtensionFactory.java

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\$Id: AbstractEncryptionScheme.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pbe/AbstractEncryptionScheme.java

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\$Id: AbstractRandomizableAlgorithm.java 2744 2013-06-25 20:20:29Z dfisher \$

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\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/AbstractRandomizableAlgorithm.java

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\$Id: PBESParameter.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pkcs/PBESParameter.java

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\$Id: DERHelper.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/util/DERHelper.java

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\$Id: AbstractEncodingConverter.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/util/AbstractEncodingConverter.java

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\$Id: PBES2CipherGenerator.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/pkcs/PBES2CipherGenerator.java

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\$Id: Converter.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/util/Converter.java

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\$Id: GeneralNameList.java 2744 2013-06-25 20:20:29Z dfisher \$

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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/GeneralNameList.java

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\$Id: AbstractDSASignature.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/signature/AbstractDSASignature.java

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\$Id: SignatureCli.java 2745 2013-06-25 21:16:10Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/signature/SignatureCli.java

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\$Id: AbstractEncodingFilterOutputStream.java 2744 2013-06-25 20:20:29Z dfisher \$

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\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/AbstractEncodingFilterOutputStream.java  
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\$Id: DESede.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/symmetric/DESede.java  
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\$Id: AbstractEncodedCredentialReader.java 2744 2013-06-25 20:20:29Z dfisher \$

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Version: \$Revision: 2744 \$  
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\*/

Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/io/AbstractEncodedCredentialReader.java

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/x509/types/BitString.java

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\$Id: AbstractVariableKeySizeEncryptionScheme.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/digest/SHA512.java

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\$Id: AbstractCryptTask.java 2744 2013-06-25 20:20:29Z dfisher \$

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\* /opt/cola/permits/1626755088\_1681885584.4337125/0/vt-crypt-2-2-sources-4-jar/edu/vt/middleware/crypt/tasks/AbstractCryptTask.java

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\$Id: CAST6.java 2744 2013-06-25 20:20:29Z dfisher \$

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Found in path(s):

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\$Id: PublicKeyUtils.java 2744 2013-06-25 20:20:29Z dfisher \$

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## 1.321 sdk 4.2.0.alpha2

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\*/

Found in path(s):

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/Request.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/Connection.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/api/metamodel/runtime/util/UnmodifiableListWithHref.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/HttpConnection.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/Error.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/NoCaTrustManager.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/api/metamodel/runtime/util/ArrayListWithHref.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/Service.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/Response.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/SsoUtils.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/api/metamodel/runtime/util/ListWithHref.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/ConnectionBuilder.java
```

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Found in path(s):

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
```

jar/org/ovirt/engine/sdk4/BaseRequest.java

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Found in path(s):

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/api/metamodel/runtime/xml/methods.properties
```

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Found in path(s):

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/BlockStatistic.java
```

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/AffinityLabelService.java
```

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlDeviceReader.java
```

\*

```
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/User.java
```

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/CopyableServiceImpl.java
```

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlIdentifiedWriter.java
```

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/CustomProperty.java
```

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/VmPoolsServiceImpl.java
```

```
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
```

jar/org/ovirt/engine/sdk4/internal/containers/SessionContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlHookStageWriter.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/PermissionContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/PropertyContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/SpecialObjectsContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlVmPlacementPolicyReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/NicBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlVlanWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/CpuTune.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlBootReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/AssignedRolesServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuProfileReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterBrickAdvancedDetailsReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlNfsProfileDetailReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/Payload.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlExternalHostProviderWriter.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/OperatingSystemServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlPayloadReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/ExternalHostBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlVmPoolTypeWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlPackageReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/StatisticService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/InheritableBoolean.java

\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ApplicationBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/QossService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNumaNodePinReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlArchitectureReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlArchitectureWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskSnapshotWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlDisplayWriter.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/CpuTopologyContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/ClusterLevelsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/FilterService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ExternalProviderBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/VnicPassThroughBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/OpenstackNetworksServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNumaNodePinWriter.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/FenceAgentsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/FaultContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPortMirroringReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/IpContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/OpenstackVolumeAuthenticationKeyService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkStatusReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/DataCenterStatus.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGracePeriodReader.java



\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/EventContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/PermitBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterVolumeStatusReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Filter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/DeviceContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/QuotaStorageLimitContainer.java

\*

/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Identified.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/QuotaClusterLimitService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/ClusterNetworksService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/SsoBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/VmSessionServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/SwitchType.java

\*

/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/CpuBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlBootWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/GracePeriod.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMigrationPolicyWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/DataCentersService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/QuotaStorageLimitsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/FencingPolicy.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/DiskAttachmentBuilder.java

\*

/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/FilterContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

jar/org/ovirt/engine/sdk4/builders/SpecialObjectsBuilder.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlMethodWriter.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/ExternalHostsService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/StorageServerConnectionsServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlRngDeviceWriter.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlUnmanagedNetworkWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/ImageTransferContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSkipIfSdActiveReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/QuotaBuilder.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/VmType.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/StepsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/KatelloErratumBuilder.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/EntityProfileDetailContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/TemplateGraphicsConsoleServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/IdentifiedBuilder.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/JobServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlFirewallTypeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlStorageDomainReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/SystemService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMigrationOptionsReader.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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jar/org/ovirt/engine/sdk4/internal/services/NicNetworkFilterParametersServiceImpl.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ProductInfoBuilder.java

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jar/org/ovirt/engine/sdk4/internal/services/HostDeviceServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/NetworkFilterServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlOsTypeReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/ClusterNetworkServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/SystemPermissionsService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMigrationBandwidthWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/EventServiceImpl.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AffinityGroupVmsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/AccessProtocol.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVirtioScsiWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/ReportedConfiguration.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/VirtualNumaNodeBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/NetworkLabelBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlQuotaClusterLimitReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/MoveableService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlAffinityRuleReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVmWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlLogicalUnitReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/SeLinuxBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/LinkLayerDiscoveryProtocolService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/CdromContainer.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNicInterfaceWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlImageTransferDirectionReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/OpenstackNetworksService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlOperatingSystemWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterClientReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

jar/org/ovirt/engine/sdk4/internal/xml/XmlOpenstackVolumeAuthenticationKeyUsageTypeReader.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlQuotaReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlVlanReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/OpenStackImageProviderContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/FileBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/NetworkAttachment.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/SnapshotNicsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/HostStorageBuilder.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/StepService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/ImageTransferPhase.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/NumaNodePin.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/HostHookServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/QuotasServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/ClusterLevelService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/InstanceTypeWatchdogServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/GlusterBrickAdvancedDetails.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/AssignedTagServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/OpenStackProviderBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlCoreReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/StorageDomainContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskFormatReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/TemplateDiskService.java  
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/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlIscsiBondWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/BalanceService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterVolumeTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlExternalVmProviderTypeReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/CoreBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlPolicyUnitTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/OpenStackVolumeType.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/OpenStackImageProviderBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/InstanceTypeGraphicsConsolesServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/PermitsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlVirtualNumaNodeReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/DiskContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/BootDevice.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/WeightServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/InstanceTypeNicsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/ImagesService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlHookStatusReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlFilterWriter.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/TemplatesService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/internal/containers/LogicalUnitContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/MigrateOnError.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/IscsiBond.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/GlusterBrickContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/DiskStorageType.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlPowerManagementWriter.java  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlRoleTypeWriter.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuProfileWriter.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlSpmReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/Role.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/ConfigurationContainer.java  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/ExternalHostGroupsServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/DiskSnapshotContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/RoleServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 jar/org/ovirt/engine/sdk4/types/HookContentType.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/DomainService.java



\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/KernelBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/TemplateCdromService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/GuestOperatingSystem.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ExternalComputeResourceBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/VmAffinity.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlTimeZoneReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/QuotaClusterLimitContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/DomainsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/CpuProfilesServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuModeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/OpenstackNetworkProvidersServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSerialNumberWriter.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVnicProfileReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/TagService.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/KsmContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/AffinityGroupVmService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHighAvailabilityReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/SchedulingPoliciesService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/InstanceTypeService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlAffinityLabelWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

jar/org/ovirt/engine/sdk4/internal/xml/XmlStatisticReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/VmBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/SchedulingPolicyUnit.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlVolumeGroupWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/ExternalVmImportsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/ClusterFeatureContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/SkipIfConnectivityBrokenContainer.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/PayloadContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/Vendor.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/DiskAttachmentsServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/SerialNumberBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/GlusterVolumesServiceImpl.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/SnapshotNicService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlStatisticKindReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/CertificateContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/CustomPropertyBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/TemplateGraphicsConsolesServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/ExternalComputeResourcesService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkAttachmentWriter.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/OperatingSystemInfoContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/StorageDomainVmService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlKernelReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/BootMenuBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/GlusterVolume.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/NetworkLabelServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/FilesServiceImpl.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/TemplateDisksService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/AffinityLabelHostsService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHostStorageWriter.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Ksm.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/SnapshotsServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/builders/OpenStackVolumeProviderBuilder.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/CpuProfile.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/VnicProfilesServiceImpl.java  
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSessionReader.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Ip.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVmDeviceTypeReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/HostDeviceBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlQuotaModeTypeReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/ExternalDiscoveredHostContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskStatusReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlRngDeviceReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlUsbReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/TimeZoneBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/HostNicVirtualFunctionsConfigurationBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/VmReportedDevicesServiceImpl.java
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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jar/org/ovirt/engine/sdk4/internal/services/OpenstackVolumeTypeServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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jar/org/ovirt/engine/sdk4/services/DiskAttachmentsService.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/VirtioScsi.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/IO.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/ApiSummaryContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/FileContainer.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/KsmBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/QuotaClusterLimit.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlApiWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlAuthorizedKeyReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/GlusterClientContainer.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/SystemOptionService.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AttachedStorageDomainDisksServiceImpl.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Certificate.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/OperatingSystemInfoBuilder.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkReader.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/IconServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/MigrationOptionsBuilder.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMigrationBandwidthReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSchedulingPolicyUnitReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/VnicPassThroughContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/SshContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

jar/org/ovirt/engine/sdk4/internal/xml/XmlDeviceWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/IscsiBondsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlWatchdogModelReader.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlGraphicsTypeReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/GlusterBrick.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/AgentConfiguration.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlIpAddressAssignmentReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/BookmarkBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/GlusterBrickBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskProfileReader.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/StorageDomainDiskServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/NumaNodeContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/OpenStackVolumeProviderContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlStatisticUnitReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/SchedulingPolicyUnitsServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlScsiGenericIOWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/SchedulingPolicyServiceImpl.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlDataCenterWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/TemplateCdromsServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkFilterParameterReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlAffinityLabelReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/GroupServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlBootDeviceWriter.java

\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/TemplateDiskServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/HostStorageService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/OpenStackSubnet.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ConfigurationBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/NfsProfileDetailContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHostedEngineWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlOpenStackNetworkProviderReader.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/HostStatus.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/Builders.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/GraphicsConsole.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AssignedVnicProfileServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/SchedulingPolicyUnitContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/StorageDomainDiskService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Initialization.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlKsmReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlTemplateStatusWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlAgentConfigurationWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/VmNicService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/SeLinuxContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/KatelloErratum.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuTypeWriter.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlExternalDiscoveredHostWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHighAvailabilityWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/DomainServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/ImageTransferDirection.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/TagServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/QuotaService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterBrickMemoryInfoWriter.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHardwareInformationReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/SystemPermissionsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/HostsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/HostStorage.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/MigrationOptions.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlProxyTicketWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHookContentTypeWriter.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/StepEnum.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/HostDeviceContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/VendorBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlOptionReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/VmSummaryContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHostStatusWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/DiskAttachment.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/HardwareInformation.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSwitchTypeReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/builders/GlusterVolumeProfileDetailsBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlStorageDomainWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/StorageServerConnectionExtensionsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlOpenStackVolumeTypeReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/VmHostDeviceService.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/NetworkAttachmentContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Console.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/ResolutionType.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/InstanceTypeNicService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/VersionBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/LogicalUnitBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/PowerManagementStatus.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlAffinityGroupWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/StorageDomainTemplateServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/LogSeverity.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlStorageDomainLeaseWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlFirewallTypeReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlSnapshotTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/HardwareInformationBuilder.java
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/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlIoReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/VmSummaryBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Bios.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlSsoMethodWriter.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterHookReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/VmStatus.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterBrickReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/WatchdogContainer.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/VmSummary.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/QuotaContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/OpenstackVolumeProviderService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/DiskBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuTuneReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlQuotaModeTypeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/CertificateBuilder.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGuestOperatingSystemReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNicConfigurationReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlConfigurationReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMessageBrokerTypeReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Template.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPermissionWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/OpenStackProviderContainer.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/ExternalHostsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlActionWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/DiskServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/StorageDomainVmServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/internal/containers/KatelloErratumContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/AssignedCpuProfileServiceImpl.java
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/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkConfigurationReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/NetworkStatus.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/ClustersService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/ImagesServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/MemoryPolicyContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/StorageDomainContentDisksService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/ApiSummaryItemContainer.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/OpenstackNetworkProviderServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/NicContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/MemoryPolicy.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/QuotaClusterLimitsService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/AttachedStorageDomainsService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/NicConfiguration.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlOptionWriter.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/HostHooksService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlPmProxyTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlConfigurationTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/NumaTuneMode.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlMigrateOnErrorReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlStorageDomainTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/StorageDomainServerConnectionServiceImpl.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/VmGraphicsConsolesService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/OpenStackNetworkProviderContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlApiSummaryItemReader.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/KatelloErrataService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlErrorHandlingReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlApplicationWriter.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPayloadEncodingWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/ExternalHostContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/AgentBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterServerHookWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/AssignedAffinityLabelService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/HostType.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/GlusterBrickAdvancedDetailsContainer.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/VersionContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/StorageDomain.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPowerManagementStatusReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/AuthorizedKey.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/FenceAgentServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlQosWriter.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/OpenstackSubnetService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/OpenstackVolumeTypesService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/GlusterBrickAdvancedDetailsBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/AttachedStorageDomainService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSnapshotReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSpecialObjectsReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/OpenstackVolumeTypesServiceImpl.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/FiltersServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/SpmContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/VnicProfileServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/NetworkAttachmentsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ActionBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Bonding.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskWriter.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/SystemOptionValueContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPropertyWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/LogicalUnit.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/DnsResolverConfigurationContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/TemplateContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPmProxyTypeReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/BondingBuilder.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Dns.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHostWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/TemplateStatus.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/internal/xml/XmlDataCenterReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/SystemServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/TemplateWatchdogServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlSpmStatusReader.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlSeLinuxModeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlSnapshotStatusWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Display.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/GlusterHookStatus.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkFilterParameterWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Cdrom.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/GlusterHookBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlClusterFeatureReader.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Ssh.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlStorageConnectionExtensionReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/InstanceTypeWatchdogsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlAutoNumaStatusReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlQuotaWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/AttachedStorageDomainDiskService.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/AssignedDiskProfilesServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/KatelloErratumService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/AgentConfigurationBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/AssignedTagsService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/IpAddressAssignment.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/SshPublicKeysService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSshAuthenticationMethodReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlWeightReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/IconContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/ExternalHostProviderService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/IscsiBondServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/DataCenterService.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHostReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/BalancesService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHostNicVirtualFunctionsConfigurationReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/PowerManagementBuilder.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlApiReader.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/internal/services/VirtualFunctionAllowedNetworkServiceImpl.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlGraphicsConsoleReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Architecture.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/ValueType.java
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jar/org/ovirt/engine/sdk4/internal/xml/XmlCloudInitReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/AreaService.java
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jar/org/ovirt/engine/sdk4/builders/WeightBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/DiskProfileServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Session.java
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/BiosBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/AgentConfigurationContainer.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/IscsiBondsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/NetworkAttachmentBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/TemplateWatchdogsService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/VmNicsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/AssignedTagsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Package.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlConfigurationTypeReader.java
*

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/OpenstackImageService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/TemplateNicsServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Icon.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/KernelContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/UsersServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/QuotaStorageLimitServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/OpenStackVolumeTypeBuilder.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ApiBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/HighAvailabilityBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlUserReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlRangeWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/NicInterface.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/PermitsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/VmDisksService.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/VolumeGroupContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/OpenstackVolumeProviderServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/VnicProfile.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlTemplateVersionReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/PmProxyType.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/DomainsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/TemplateDisksServiceImpl.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuTypeReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-



jar/org/ovirt/engine/sdk4/internal/xml/XmlIpReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskTypeWriter.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/DomainGroupServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterVolumeReader.java  
 \*  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlStepReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/NetworkAttachmentService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlMacPoolReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/DiskSnapshotsServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \*  
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 jar/org/ovirt/engine/sdk4/internal/services/ExternalDiscoveredHostsServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/builders/StorageConnectionExtensionBuilder.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/OpenstackImageProvidersService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/CoreContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Qos.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMemoryOverCommitReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/StorageDomainServiceImpl.java  
 \*  
 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/StorageFormat.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/SshPublicKeysServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Vlan.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AffinityLabelVmsServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/RoleType.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/HardwareInformationContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlProfileDetailWriter.java  
 \*  
 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/DiskType.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/StorageDomainVmDiskAttachmentsService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/SnapshotCdromsServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/SkipIfSdActiveBuilder.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSkipIfSdActiveWriter.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AssignedCpuProfilesServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/InstanceTypeGraphicsConsoleServiceImpl.java  
 \*  
 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/StorageDomainVmsServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMacWriter.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/DiskSnapshotServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/BootProtocol.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/internal/containers/GuestOperatingSystemContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskInterfaceWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlRngSourceWriter.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlGroupWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/UsersService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/VmApplicationService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/StorageDomainContentDiskServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlFileReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/JobBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/NetworkFilterParameter.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlApiSummaryItemWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlImageTransferPhaseReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/StepStatus.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlAgentReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlMessageBrokerTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkLabelReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/DiskProfilesService.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/StorageConnectionContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/ProductContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/ErrorHandlingContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlVmPlacementPolicyWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlInitializationReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/DataCenterBuilder.java

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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Vm.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/SnapshotCdromsService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlCdromReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlExternalDiscoveredHostReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/SchedulingPolicyContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/CpuType.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlLunStatusReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/StorageDomainsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/ReportedDeviceType.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuTuneWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/WeightsService.java
*

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/SshAuthenticationMethod.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlTagWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/SshPublicKeyService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSystemOptionReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/GlusterBrickStatus.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/HostedEngineContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/VmsService.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkFilterReader.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Job.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/PmProxy.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/ExternalHost.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/MacBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/StorageConnection.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPropertyReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterVolumeTypeReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNicReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/VmDiskServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/BrickProfileDetail.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/VmCdromServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/DataCenterContainer.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/ClusterServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/OperatingSystemContainer.java  
 \*  
 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/UserService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/ReportedDeviceContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/HostNumaNodeServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/SkipIfConnectivityBroken.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/ImageContainer.java  
 \*  
 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/InstanceTypeGraphicsConsoleService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/IoContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/OpenstackSubnetServiceImpl.java  
 \*  
 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlHostNicReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/StepsService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/builders/OpenStackNetworkBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlTagReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/DnsContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/VmSessionsService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/NetworksServiceImpl.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlBondingReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlGuestOperatingSystemWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/FilesService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlProductInfoReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlBalanceWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ProductBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSwitchTypeWriter.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/TemplateVersion.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/MigrationOptionsContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/ClusterLevelContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/SshPublicKeyServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlLinkLayerDiscoveryProtocolElementReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlTemplateStatusReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/TemplateCdromsService.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/GlusterHookServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMemoryPolicyReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/DiskInterface.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuTopologyWriter.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/StorageServiceImpl.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlClusterLevelReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/SnapshotService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlExternalHostGroupReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/ExternalProviderContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/ExternalVmImport.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/UnmanagedNetwork.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/StorageDomainContentDisksServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/PermitService.java



\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/MacPoolsServiceImpl.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/OpenStackProvider.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/GlusterBrickServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/PermissionService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/DataCenter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlTimeZoneWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/MigrationBandwidthAssignmentMethod.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSystemOptionValueWriter.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSnapshotWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlImageTransferPhaseWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVmTypeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/ExternalVmImportsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/AuthorizedKeyContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/StorageServerConnectionExtensionService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/DataCenterNetworksService.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/SkipIfConnectivityBrokenBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/MacPool.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/DnsBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/QosService.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlOpenStackNetworkProviderTypeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/SerialNumberPolicy.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlBiosReader.java  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 jar/org/ovirt/engine/sdk4/builders/FilterBuilder.java  
 \*  
 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/builders/CpuProfileBuilder.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/NetworkFilterContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/TagContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/SnapshotDiskService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/StorageDomainVmDiskAttachmentServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/VirtualFunctionAllowedNetworkService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/VnicPassThroughMode.java  
 \*  
 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlExternalProviderReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlTemplateWriter.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/services/StorageDomainDisksService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/SnapshotServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/TransportType.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/VmPoolContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlCertificateReader.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/BookmarkContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/PermitContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/StorageServerConnectionServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuTopologyReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/InstanceTypeNicServiceImpl.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/StorageServerConnectionExtensionsService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/ExternalProviderCertificateService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/ExternalComputeResourceContainer.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/SerialNumber.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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jar/org/ovirt/engine/sdk4/internal/xml/XmlStepStatusWriter.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/IscsiBondBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Floppy.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/UnmanagedNetworkContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/OpenstackSubnetsServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlOpenStackImageProviderWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/AssignedTagService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/BalancesServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSsoWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlIconWriter.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlBrickProfileDetailWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlIscsiDetailsReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlStorageDomainLeaseReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/EntityExternalStatus.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVmAffinityReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlEventReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlMigrationPolicyReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/DisksServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlEventWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/VendorContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/AffinityGroupBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/ExternalDiscoveredHostsService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlReportedDeviceTypeReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/services/AssignedDiskProfilesService.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/VmCdromsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlOpenstackVolumeAuthenticationKeyUsageTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlDnsResolverConfigurationWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlFenceTypeReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/AssignedDiskProfileService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlHostTypeWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/VlanContainer.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlProxyTicketReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/CpuTopologyBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/HostNumaNodesServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlMigrateOnErrorWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/StorageDomainContentDiskService.java
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jar/org/ovirt/engine/sdk4/internal/containers/BlockStatisticContainer.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/ExternalDiscoveredHost.java
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/OpenStackNetworkProvider.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Step.java
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/StorageConnectionBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/StorageService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/DomainUsersService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/CreationStatus.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/GlusterBrickMemoryInfoContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/HostNicsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVirtioScsiReader.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AttachedStorageDomainServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkLabelWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVmStatusWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlImageTransferWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/HostNicVirtualFunctionsConfigurationContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlWatchdogWriter.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/DiskStatus.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/OsType.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/IpAddressAssignmentContainer.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/ImageTransfersServiceImpl.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AssignedAffinityLabelsServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/SnapshotCdromService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

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jar/org/ovirt/engine/sdk4/types/RngDevice.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/ExternalHostGroupServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/EventsServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XmlRangeReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/OpenstackVolumeAuthenticationKeyBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/DiskAttachmentServiceImpl.java
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/WeightContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/OpenstackVolumeAuthenticationKeyContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/DomainContainer.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AssignedDiskProfileServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/VirtioScsiBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlKernelWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/StorageDomainLease.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/SpmBuilder.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlAffinityGroupReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/SsoMethod.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/AffinityLabelVmsService.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/VmDeviceType.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/VmWatchdogService.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlVcpuPinWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPmProxyReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/OpenStackSubnetBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ImageTransferBuilder.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/SkipIfSdActiveContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlReportedDeviceReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/CpuProfileServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/TimeZone.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/IconService.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlValueTypeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/JobContainer.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlDnsResolverConfigurationReader.java

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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/CloudInitBuilder.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/HostProtocol.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/OpenstackSubnetsService.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/MethodContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHookContentTypeReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlBiosWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ReportedDeviceBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlReportedDeviceTypeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlFopStatisticReader.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/GroupsService.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNetworkPluginTypeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/NumaNode.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlNicInterfaceReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

jar/org/ovirt/engine/sdk4/services/StorageServerConnectionsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/CpuTuneBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/VmGraphicsConsoleServiceImpl.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/ReportedConfigurationContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/AffinityGroupVmServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/RangeBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/DnsResolverConfigurationBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/TemplateVersionContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/containers/NetworkConfigurationContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlPolicyUnitTypeReader.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AffinityGroupsServiceImpl.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Configuration.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlSerialNumberReader.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlKatelloErratumReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/GroupsServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/VmWatchdogServiceImpl.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskAttachmentWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/CpuTuneContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/TemplateServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlClusterFeatureWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/DiskService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/StatisticKind.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/HostBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/TransparentHugePages.java  
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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/Balance.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/RateContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/CpuProfileContainer.java  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/AttachedStorageDomainDiskServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/VmApplicationServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/ClusterNetworksServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlBondingWriter.java  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlStorageTypeReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlGlusterHookStatusReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/LinkLayerDiscoveryProtocolElementContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/HostHooksServiceImpl.java  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/SnapshotDiskServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

jar/org/ovirt/engine/sdk4/services/InstanceTypeWatchdogsService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlExternalVmImportReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/Statistic.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/ClusterFeaturesServiceImpl.java  
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 jar/org/ovirt/engine/sdk4/internal/services/OpenstackImageServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlTransportTypeReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/StatisticsService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/CloudInitContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlPowerManagementStatusWriter.java  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/containers/ProfileDetailContainer.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/types/Image.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/xml/XmlCpuModeReader.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/builders/OpenStackNetworkProviderBuilder.java  
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 /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/JobService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/services/AffinityLabelVmService.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
 jar/org/ovirt/engine/sdk4/internal/services/DataCenterNetworkServiceImpl.java  
 \* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/AutoNumaStatus.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/VnicProfileService.java

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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/Mac.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/GlusterServerHookContainer.java

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/MeasurableServiceImpl.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/EventBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlOsTypeWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/NumaNodePinBuilder.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/NumaNodePinContainer.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-

jar/org/ovirt/engine/sdk4/types/JobStatus.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlAgentConfigurationReader.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/HostNicService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlAffinityRuleWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/AffinityGroupServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/Nic.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/VmHostDeviceServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlNfsVersionReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlClusterLevelWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlWatchdogActionReader.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlVolumeGroupReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/Snapshot.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/OperatingSystemBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/AffinityGroupsService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/ProfileDetail.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlIdentifiedReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/builders/NfsProfileDetailBuilder.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/services/GlusterBricksServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/types/Agent.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/OpenstackNetworkProviderService.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlDiskStorageTypeReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/internal/xml/XmlDomainWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-  
jar/org/ovirt/engine/sdk4/services/AffinityLabelHostService.java

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* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/DiskProfileBuilder.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Core.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XMLNicStatusReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XMLVmSummaryReader.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/NfsProfileDetail.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/GlusterServerHookBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/EngineKatelloErrataServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XMLCertificateWriter.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/Fault.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/NetworkAttachmentServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/services/HostServiceImpl.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/SchedulingPolicyUnitsService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/MigrationPolicy.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/PolicyUnitType.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/containers/HighAvailabilityContainer.java
*
/opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/DisplayBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/builders/RngDeviceBuilder.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/AffinityGroupVmsService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/services/ClusterEnabledFeatureService.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/types/VmPlacementPolicy.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XMLVmSummaryWriter.java
* /opt/cola/permits/1626755076_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-
jar/org/ovirt/engine/sdk4/internal/xml/XMLOpenStackVolumeProviderWriter.java
*

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/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/types/DiskProfile.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/StatisticBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/OpenStackImageBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlOpenStackNetworkReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/InstanceTypesServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlStepEnumWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHookStatusWriter.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/containers/ExternalVmImportContainer.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AssignedPermissionsServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/builders/ExternalHostGroupBuilder.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlHostProtocolWriter.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/AttachedStorageDomainsServiceImpl.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlFencingPolicyReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/services/ClusterLevelServiceImpl.java  
\*  
/opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/internal/xml/XmlAccessProtocolReader.java  
\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/engine/sdk4/services/MeasurableService.java  
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\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/api/metamodel/runtime/xml/XmlWriter.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/api/metamodel/runtime/xml/XmlReader.java

\* /opt/cola/permits/1626755076\_1680616936.5852804/0/sdk-4-2-0-alpha2-sources-2-jar/org/ovirt/api/metamodel/runtime/xml/XmlException.java

## 1.322 uri 0.12.1

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## 1.323 time 0.2.2

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## 1.324 jcodings 1.0.58

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\* /opt/cola/permits/1628516196\_1680712702.4217079/0/jcodings-1-0-58-jar/META-INF/maven/org.jruby.jcodings/jcodings/pom.xml

## 1.325 go.mongodb.org-mongo-driver 1.11.4

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## 1.326 joda-time 2.12.5

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## 1.328 rubygems-update 3.3.26

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 */
```

Found in path(s):

```
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/Signature.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/SmartBinder.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/SmartHandle.java
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```

Found in path(s):

```
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Varargs.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Cast.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Transform.java
*
  /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Catch.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/Binder.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/FilterReturn.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Insert.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Convert.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Fold.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Filter.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Spread.java
*
  /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/Permute.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
jar/com/headius/invokebinder/transform/TryFinally.java
* /opt/cola/permits/1724706786_1687314590.657617/0/invokebinder-1-13-sources-
```



jar/com/headius/invokebinder/transform/Drop.java  
\* /opt/cola/permits/1724706786\_1687314590.657617/0/invokebinder-1-13-sources-  
jar/com/headius/invokebinder/transform/Collect.java  
\* /opt/cola/permits/1724706786\_1687314590.657617/0/invokebinder-1-13-sources-  
jar/com/headius/invokebinder/InvalidTransformException.java

## 1.331 backport9 1.13

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Found in path(s):

\* /opt/cola/permits/1724708261\_1713258688.8097575/0/backport9-1-13-jar/META-INF/maven/com.headius/backport9/pom.xml

## 1.332 ffi-binary-libfixposix 0.5.1.1

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Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: LibFixPOSIX

Upstream-Contact: Stelian Ionescu <sionescu@cddr.org>

Source: <https://github.com/sionescu/libfixposix/releases/>

Files: \*

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## 1.333 subspawn-posix 0.1.1

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## 1.340 prime 0.1.2

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```
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 * Contains the polynomial classes used in the NTRU round 3 algorithm.
 *
 * <p>
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 * competition,
 * released under CC0-1.0 license.
 * </p>
 *
 * <p><a href="https://csrc.nist.gov/CSRC/media/Projects/post-quantum-cryptography/documents/round-3/submissions/NTRU-Round3.zip">NIST submission files</a></p>
 * <p><a href="https://github.com/jschanck/ntru/blob/master/LICENSE">License of reference
 * implementation</a></p>
 */
```

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```
* /opt/cola/permits/1764844551_1695320403.251541/0/bcprov-jdk18on-1-74-sources-
jar/org/bouncycastle/pqc/math/ntru/package-info.java
```

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```
/**
 * SPHINCS-256 signer.
 * <p>
 * This implementation is heavily based on the reference implementation in SUPERCOP, the main difference being
 * the digests used
 * for message hashing and tree construction are now configurable (within limits...) and that the implementation
 * produces
 * detached signatures.
 * </p>
 * <p>
 * The SPHINCS reference implementation is public domain, as per the statement in the second last paragraph of
```

\* section 1 in <https://eprint.iacr.org/2014/795.pdf>

\* </p>

\*/

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\* An implementation of <a href="https://tools.ietf.org/html/rfc7253">RFC 7253 on The OCB

\* Authenticated-Encryption Algorithm</a>. For those still concerned about the original patents

\* around this, please see:

\* <p>

\* <https://mailarchive.ietf.org/arch/msg/cfrg/qLTveWOdTJcLn4HP3ev-vrj05Vg/>

\* </p>

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\* <blockquote>

\* Phillip Rogaway &gt;rogaway@cs.ucdavis.edu&lt; Sat, 27 February 2021 02:46 UTCShow header

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\* think I ever made a proper announcement to the CFRG or on the

\* OCB webpage. Consider that done.

\* </blockquote>

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public DomainParameters(BigInteger p, BigInteger g, BigInteger q, BigInteger j,

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\* The NTRU algorithm based on the round 3 submission of the NIST post-quantum cryptography. For the old NTRU, see

\* { @link org.bouncycastle.pqc.legacy.crypto.ntru }.

\*

\* <p>

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\* </p>  
\*  
\* <p><a href="https://csrc.nist.gov/CSRC/media/Projects/post-quantum-cryptography/documents/round-3/submissions/NTRU-Round3.zip">NIST submission files</a></p>  
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\*  
\* @see <a href="https://csrc.nist.gov/Projects/post-quantum-cryptography/round-3-submissions">NIST round 3 PQC submissions page</a>  
\* @see <a href="https://ntru.org">NTRU website</a>  
\* @see <a href="https://ntru.org/f/ntru-20190330.pdf">NTRU specification</a>  
\*/

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// now keep space is free to use

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/\*\*

\* Poly1305 message authentication code, designed by D. J. Bernstein.

\* <p>

\* Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key

\* consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106

\* effective key bits) used in the authenticator.

\* <p>

\* The polynomial calculation in this implementation is adapted from the public domain <a

\* href="https://github.com/floodyberry/poly1305-donna">poly1305-donna-unrolled</a> C implementation

\* by Andrew M (@floodyberry).

\* @see Poly1305KeyGenerator

\*/

Found in path(s):

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\* Magic value for proprietary OpenSSH private key.

\*\*/

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# 1.342 genproto-googleapis-rpc 0.0.0-20230525234030-28d5490b6b19

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# 1.348 snake-yaml 2.2

## 1.348.1 Available under license :

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<name>Apache License, Version 2.0</name>

<url><http://www.apache.org/licenses/LICENSE-2.0.txt></url>

Found in path(s):

\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml

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```
// This module is multi-licensed and may be used under the terms
// EPL, Eclipse Public License, V1.0 or later, http://www.eclipse.org/legal
// LGPL, GNU Lesser General Public License, V2.1 or later, http://www.gnu.org/licenses/lgpl.html
// GPL, GNU General Public License, V2 or later, http://www.gnu.org/licenses/gpl.html
// AL, Apache License, V2.0 or later, http://www.apache.org/licenses
// BSD, BSD License, http://www.opensource.org/licenses/bsd-license.php
/**
 * A Base64 encoder/decoder.
 *
 * <p>
 * This class is used to encode and decode data in Base64 format as described in RFC 1521.
 *
 * <p>
 * Project home page: <a href="http://www.source-code.biz/base64coder/java/">www.
 * source-code.biz/base64coder/java</a><br>
 * Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
 * Multi-licensed: EPL / LGPL / GPL / AL / BSD.
 */
```

Found in path(s):

\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org.yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java

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```
/*
 * Copyright (c) 2008 Google Inc.
 *
 * Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except
 * in compliance with the License. You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software distributed under the License
 * is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
```

express

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\*/

Found in path(s):

\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java  
No license file was found, but licenses were detected in source scan.

/\*\*

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\* or implied. See the License for the specific language governing permissions and limitations under  
\* the License.  
\*/

Found in path(s):

\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/Mark.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java  
\*  
/opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/MarkedYAMLException.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/Node.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/SerializerException.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-

jar/org/yaml/snakeyaml/inspector/TagInspector.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/error/YAMLException.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/events/Event.java  
 \*  
 /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/Yaml.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/events/DocumentEndEvent.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/inspector/UnTrustedTagInspector.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/events/SequenceStartEvent.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/nodes/CollectionNode.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/constructor/BaseConstructor.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/emitter/EmitterState.java  
 \*  
 /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/util/ArrayUtils.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/composer/ComposerException.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/comments/CommentType.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
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 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
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 jar/org/yaml/snakeyaml/util/ArrayStack.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/reader/StreamReader.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/composer/Composer.java  
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jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java  
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jar/org/yaml/snakeyaml/internal/Logger.java  
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jar/org/yaml/snakeyaml/parser/ParserImpl.java  
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jar/org/yaml/snakeyaml/emitter/Emitter.java  
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jar/org/yaml/snakeyaml/nodes/ScalarNode.java  
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jar/org/yaml/snakeyaml/tokens/TagTuple.java  
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jar/org/yaml/snakeyaml/serializer/Serializer.java  
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jar/org/yaml/snakeyaml/events/StreamStartEvent.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/representer/BaseRepresenter.java  
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jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java  
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\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/scanner/ScannerException.java

\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
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 jar/org/yaml/snakeyaml/events/AliasEvent.java  
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 jar/org/yaml/snakeyaml/tokens/DirectiveToken.java  
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 jar/org/yaml/snakeyaml/introspector/GenericProperty.java  
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 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/nodes/NodeId.java  
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 jar/org/yaml/snakeyaml/introspector/BeanAccess.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/tokens/StreamStartToken.java  
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 jar/org/yaml/snakeyaml/parser/Production.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/parser/ParserException.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/nodes/AnchorNode.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
 jar/org/yaml/snakeyaml/scanner/Constant.java  
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 jar/org/yaml/snakeyaml/scanner/Scanner.java  
 \* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-

jar/org/yaml/snakeyaml/tokens/ScalarToken.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/comments/CommentLine.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/events/CommentEvent.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/constructor/Construct.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/events/ImplicitTuple.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/events/ScalarEvent.java  
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jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java  
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/opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/representer/Represent.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
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jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/constructor/Constructor.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/introspector/PropertyUtils.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/DumperOptions.java  
\*  
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jar/org/yaml/snakeyaml/introspector/MissingProperty.java  
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\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/tokens/TagToken.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
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jar/org/yaml/snakeyaml/events/MappingEndEvent.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/constructor/ConstructorException.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-  
jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java  
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/opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/UnicodeReader.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/Representer.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/TypeDescription.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/LoaderOptions.java  
\*  
/opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/FieldProperty.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/Token.java  
\*  
/opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java  
\* /opt/cola/permits/1781959558\_1693363168.8337896/0/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java

## 1.349 x-text 0.13.0

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## 1.350 cups 1.6.3-52.el7\_9

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```

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# 1.351 jansi---java-library-for-generating-and-interpreting-ansi-escape-sequences. 1.5.0

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mgo - MongoDB driver for Go

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## 1.353 jruby 1.0

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# 1.354 python-keyczar 0.71c

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# 1.355 ikvm-net 8.1.5717

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## 1.357 x-sys 0.13.0

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```
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jar/org/snakeyaml/engine/v2/parser/VersionTagsTuple.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/comments/CommentType.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/schema/Schema.java
*
/opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/constructor/json/ConstructYamlJsonFloat.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/tokens/FlowSequenceStartToken.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
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* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
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* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/tokens/CommentToken.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/tokens/BlockSequenceStartToken.java
*
/opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/tokens/BlockMappingStartToken.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/tokens/KeyToken.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/constructor/json/ConstructYamlBinary.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/exceptions/MarkedYamlEngineException.java
```

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/FlowSequenceEndToken.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/nodes/NodeTuple.java  
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\*  
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\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/api/ConstructNode.java  
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\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/FlowMappingEndToken.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/events/StreamStartEvent.java  
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\*  
/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/schema/JsonSchema.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/nodes/MappingNode.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/scanner/ScannerImpl.java  
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\*  
/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/common/NonPrintableStyle.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/Token.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/scanner/SimpleKey.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/ScalarToken.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-

jar/org/snakeyaml/engine/v2/env/EnvConfig.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/common/FlowStyle.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/events/MappingStartEvent.java  
\*  
/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/emitter/Emitter.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/exceptions/YamlVersionException.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/common/Anchor.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/exceptions/ScannerException.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/api/LoadSettingsBuilder.java  
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jar/org/snakeyaml/engine/v2/schema/CoreSchema.java  
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jar/org/snakeyaml/engine/v2/nodes/Tag.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/events/SequenceStartEvent.java  
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/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/emitter/ScalarAnalysis.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/tokens/FlowEntryToken.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/comments/CommentEventsCollector.java  
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jar/org/snakeyaml/engine/v2/constructor/ConstructScalar.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/tokens/BlockEntryToken.java  
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/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
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\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/constructor/core/ConstructYamlCoreInt.java  
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jar/org/snakeyaml/engine/v2/nodes/NodeType.java  
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jar/org/snakeyaml/engine/v2/events/DocumentStartEvent.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/resolver/CoreScalarResolver.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/exceptions/ComposerException.java

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/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/resolver/FailsafeScalarResolver.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/parser/Production.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/events/DocumentEndEvent.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/exceptions/EmitterException.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/constructor/json/ConstructYamlJsonBool.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/BlockEndToken.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/constructor/BaseConstructor.java

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/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/serializer/NumberAnchorGenerator.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/events/CommentEvent.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/api/StreamDataWriter.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/exceptions/ReaderException.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/representer/StandardRepresenter.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/resolver/JsonScalarResolver.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/events/NodeEvent.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/comments/CommentLine.java

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/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/events/ScalarEvent.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/constructor/json/ConstructOptionalClass.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/DocumentEndToken.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/FlowMappingStartToken.java

\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/TagToken.java

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\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/common/ScalarStyle.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/events/SequenceEndEvent.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/exceptions/YamlEngineException.java  
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jar/org/snakeyaml/engine/v2/nodes/ScalarNode.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/api/DumpSettingsBuilder.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/schema/FailsafeSchema.java  
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/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/exceptions/Mark.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/api/DumpSettings.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/exceptions/DuplicateKeyException.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/events/AliasEvent.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/api/YamlOutputStreamWriter.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/events/CollectionEndEvent.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/api/Load.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/api/lowlevel/Compose.java  
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jar/org/snakeyaml/engine/v2/api/SettingKey.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/constructor/StandardConstructor.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/api/YamlUnicodeReader.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/parser/Parser.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/api/lowlevel/Present.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-  
jar/org/snakeyaml/engine/v2/events/StreamEndEvent.java

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* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
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*
/opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/exceptions/ParserException.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/resolver/ResolverTuple.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/scanner/Scanner.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/common/ArrayStack.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/common/SpecVersion.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/parser/ParserImpl.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/nodes/Node.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/api/Dump.java
*
/opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/tokens/AnchorToken.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/constructor/core/ConstructYamlCoreFloat.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/nodes/AnchorNode.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/representer/BaseRepresenter.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/tokens/DirectiveToken.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/api/lowlevel/Serialize.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/tokens/AliasToken.java
*
/opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/serializer/Serializer.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/api/LoadSettings.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/constructor/ConstructYamlNull.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/resolver/ScalarResolver.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/api/RepresentToNode.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-
jar/org/snakeyaml/engine/v2/nodes/SequenceNode.java
* /opt/cola/permits/1824352401_1711369216.094024/0/snakeyaml-engine-2-7-sources-

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jar/org/snakeyaml/engine/v2/events/Event.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/exceptions/ConstructorException.java  
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/opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/tokens/TagTuple.java  
\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/org/snakeyaml/engine/v2/events/CollectionStartEvent.java  
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\* /opt/cola/permits/1824352401\_1711369216.094024/0/snakeyaml-engine-2-7-sources-jar/META-INF/maven/org.snakeyaml/snakeyaml-engine/pom.xml

## 1.363 bundler 2.3.26

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* /opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/latin1.xml
* /opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/Index.xml
* /opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/dec8.xml
* /opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/latin2.xml
*
/opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/ascii.xml
* /opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/armSCII8.xml
* /opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/cp852.xml
* /opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/keybcS2.xml
* /opt/cola/permits/1825518190_1697655323.0808766/0/mariadb-common-10-3-32-1-el7-centos-x86-64-
zip/MariaDB-common-10.3.32-1.el7.centos.x86_64/usr/share/mysql/charsets/latin5.xml
```

## 1.367 mariadb 5.7.31

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Upstream-Contact: David Garske <[david@wolfssl.com](mailto:david@wolfssl.com)>

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```
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under certain conditions; type `show c' for details.
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```

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<signature of Ty Coon>, 1 April 1989
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trusted {

};

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untrusted {
    /* define OCALLs here. */

};
};
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== MariaDB ==

The Debian package of MySQL was first debianized on 1997-04-12 by Christian  
Schwarz <schwarz@debian.org> and is maintained since 1999-04-20 by  
Christian Hammers <ch@debian.org>.

The MariaDB packages were initially made by <http://ourdelta.org/>, and  
are now managed by the MariaDB development team, [developers@lists.mariadb.org](mailto:developers@lists.mariadb.org)

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## 1.368 commons-http-client 3.0.1

### 1.368.1 Available under license :

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 * $Revision: 155418 $
 * $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/PartSource.java,v 1.6 2004/04/18 23:51:37 jsdever Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/OptionsMethod.java,v 1.15 2004/04/18



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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons/httpclient/src/java/org/apache/commons/httpclient/HttpParser.java,v 1.13 2005/01/11 13:57:06 oglueck

Exp \$

\* \$Revision: 179411 \$

\* \$Date: 2005-06-01 16:04:58 -0400 (Wed, 01 Jun 2005) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpClient.java,v 1.98 2004/10/07 16:14:15 olegk Exp  
\$  
\* \$Revision: 354155 \$  
\* \$Date: 2005-12-05 15:18:10 -0500 (Mon, 05 Dec 2005) \$  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpVersion.java,v 1.6 2004/12/20 19:52:50 olegk

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jar/org/apache/commons/httpclient/HttpVersion.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ProtocolException.java,v 1.4 2004/05/13 04:03:25
mbecke Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/ProtocolException.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/util/URIUtil.java,v 1.27 2004/05/05 20:34:01 olegk
Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
*
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*/
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jar/org/apache/commons/httpclient/util/URIUtil.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpMethodDirector.java,v 1.34 2005/01/14 19:40:39
olegk Exp $
* $Revision: 366870 $
* $Date: 2006-01-07 13:12:55 -0500 (Sat, 07 Jan 2006) $
*

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/ByteArrayRequestEntity.java,v 1.3 2004/05/13 02:26:08 mbecke Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/FilePartSource.java,v 1.10 2004/04/18 23:51:37 jsdever Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HeaderElement.java,v 1.23 2004/05/13 04:03:25

mbecke Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/params/DefaultHttpParams.java,v 1.9 2004/12/21 23:15:21 olegk Exp \$

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/MultiThreadedHttpConnectionManager.java,v 1.47
2004/12/21 11:27:55 olegk Exp $
* $Revision: 366716 $
* $Date: 2006-01-07 08:04:58 -0500 (Sat, 07 Jan 2006) $
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commons/httpclient/src/java/org/apache/commons/httpclient/HttpConstants.java,v 1.15 2004/04/18 23:51:35
jsdever Exp $
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commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/Part.java,v 1.16 2005/01/14
21:16:40 olegk Exp $
* $Revision: 332125 $
* $Date: 2005-11-09 14:41:40 -0500 (Wed, 09 Nov 2005) $
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```
* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/methods/multipart/Part.java
```

No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ProxyClient.java,v 1.5 2004/12/20 11:39:04 olegk Exp
$
* $Revision: 354155 $
* $Date: 2005-12-05 15:18:10 -0500 (Mon, 05 Dec 2005) $
*
* =====
*
*/
```

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Found in path(s):

```

* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/ProxyClient.java

```

No license file was found, but licenses were detected in source scan.

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthState.java,v 1.3 2004/11/02 19:39:16 olegk
Exp $
* $Revision: 290260 $
* $Date: 2005-09-19 16:37:48 -0400 (Mon, 19 Sep 2005) $
*

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-  
jar/org/apache/commons/httpclient/auth/AuthState.java

No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/RequestEntity.java,v 1.4 2004/05/17  
21:46:03 olegk Exp \$  
\* \$Revision: 161963 \$  
\* \$Date: 2005-04-19 16:25:06 -0400 (Tue, 19 Apr 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/methods/RequestEntity.java

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/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/PutMethod.java,v 1.26 2004/04/18 23:51:37 jsdever Exp \$

\* \$Revision: 155418 \$

\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/methods/PutMethod.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons/httpclient/src/java/org/apache/commons/httpclient/util/DateParser.java,v 1.11 2004/11/06 19:15:42

mbecke Exp \$

\* \$Revision: 224451 \$

\* \$Date: 2005-07-23 06:23:59 -0400 (Sat, 23 Jul 2005) \$

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No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/FilePart.java,v 1.19 2004/04/18

23:51:37 jsdever Exp \$

\* \$Revision: 354155 \$

\* \$Date: 2005-12-05 15:18:10 -0500 (Mon, 05 Dec 2005) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpMethod.java,v 1.43 2004/10/07 16:14:15 olegk  
Exp \$  
\* \$Revision: 155418 \$  
\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpParams.java,v 1.6 2004/05/13 04:01:22 mbecke Exp \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/params/HttpParams.java

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```

* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/commons/proper/httpclient/branches/HTTPCLIENT_3_0_BRANCH/src/jav
a/org/apache/commons/httpclient/util/ParameterFormatter.java $
* $Revision: 178662 $
* $Date: 2005-05-26 14:21:14 -0400 (Thu, 26 May 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/util/ParameterFormatter.java

```

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```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/Header.java,v 1.17 2004/09/15 20:42:17 olegk Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/Header.java
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```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/URIException.java,v 1.12 2004/09/30 18:53:20 olegk
Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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jar/org/apache/commons/httpclient/URIException.java  
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/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/MultipartPostMethod.java,v 1.27 2004/10/06
03:39:59 mbecke Exp $
 * $Revision: 155418 $
 * $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
 *
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-  
jar/org/apache/commons/httpclient/methods/MultipartPostMethod.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/MalformedCookieException.java,v 1.8
2004/05/13 04:02:00 mbecke Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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jar/org/apache/commons/httpclient/cookie/MalformedCookieException.java
```

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/protocol/SSLProtocolSocketFactory.java,v 1.10
2004/05/13 04:01:22 mbecke Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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jar/org/apache/commons/httpclient/protocol/SSLProtocolSocketFactory.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ConnectionPoolTimeoutException.java,v 1.1
2004/07/05 22:46:58 olegk Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
*

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/WireLogOutputStream.java,v 1.7 2004/06/24 21:39:52 mbecke Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/ByteArrayPartSource.java,v 1.7 2004/04/18 23:51:37 jsdever Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/cookie/CookieSpec.java,v 1.11 2004/09/14 20:11:31 olegk Exp \$

\* \$Revision: 356822 \$



\* \$Date: 2005-12-14 13:08:35 -0500 (Wed, 14 Dec 2005) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons/httpclient/src/java/org/apache/commons/httpclient/methods/EntityEnclosingMethod.java,v 1.39

2004/07/03 14:27:03 olegk Exp \$

\* \$Revision: 161963 \$

\* \$Date: 2005-04-19 16:25:06 -0400 (Tue, 19 Apr 2005) \$

\*

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-  
jar/org/apache/commons/httpclient/methods/EntityEnclosingMethod.java  
No license file was found, but licenses were detected in source scan.

/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/ConnectMethod.java,v 1.29 2004/06/24 21:39:52  
mbecke Exp \$  
\* \$Revision: 155418 \$  
\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$  
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Found in path(s):

\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/ConnectMethod.java

No license file was found, but licenses were detected in source scan.

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpMethodParams.java,v 1.17 2004/10/06 17:32:04 olegk Exp \$

\* \$Revision: 354155 \$

\* \$Date: 2005-12-05 15:18:10 -0500 (Mon, 05 Dec 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/params/HttpMethodParams.java

No license file was found, but licenses were detected in source scan.

/\*

```

* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/UsernamePasswordCredentials.java,v 1.14 2004/04/18
23:51:35 jsdever Exp $
* $Revision: 326707 $
* $Date: 2005-10-19 16:51:46 -0400 (Wed, 19 Oct 2005) $
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```

* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/UsernamePasswordCredentials.java
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```

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/protocol/ReflectionSocketFactory.java,v 1.4
2004/12/21 23:15:21 olegk Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
*
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/protocol/ReflectionSocketFactory.java  
 No license file was found, but licenses were detected in source scan.

/\*  
 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/HttpConnection.java,v 1.107 2005/01/14 21:30:59  
 olegk Exp \$  
 \* \$Revision: 327792 \$  
 \* \$Date: 2005-10-23 09:34:28 -0400 (Sun, 23 Oct 2005) \$  
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/HttpConnection.java

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/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeParser.java,v 1.10 2004/05/13 04:02:00 mbecke Exp \$

\* \$Revision: 155418 \$

\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-

jar/org/apache/commons/httpclient/auth/AuthChallengeParser.java  
No license file was found, but licenses were detected in source scan.

```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeProcessor.java,v 1.2 2004/04/18
23:51:36 jsdever Exp $
 * $Revision: 290260 $
 * $Date: 2005-09-19 16:37:48 -0400 (Mon, 19 Sep 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/AuthChallengeProcessor.java
No license file was found, but licenses were detected in source scan.
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```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/util/URLConnection.java,v 1.15 2004/04/18
23:51:38 jsdever Exp $
 * $Revision: 155418 $
 * $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
 *
 * =====
```

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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/util/URLConnection.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/CredentialsNotAvailableException.java,v 1.4
2004/05/13 04:02:00 mbecke Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
*

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-  
jar/org/apache/commons/httpclient/auth/CredentialsNotAvailableException.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/StringRequestEntity.java,v 1.3 2004/07/03  
14:27:03 olegk Exp \$  
\* \$Revision: 356822 \$  
\* \$Date: 2005-12-14 13:08:35 -0500 (Wed, 14 Dec 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/methods/StringRequestEntity.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpURL.java,v 1.18 2004/09/30 17:26:41 oglueck Exp \$

\* \$Revision: 358634 \$

\* \$Date: 2005-12-22 16:23:15 -0500 (Thu, 22 Dec 2005) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

```

commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/StringPart.java,v 1.11 2004/04/18
23:51:37 jsdever Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
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```

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ResponseConsumedWatcher.java,v 1.5 2004/04/18
23:51:35 jsdever Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/CookieSpecBase.java,v 1.28 2004/11/06  
19:15:42 mbecke Exp \$  
\* \$Revision: 190485 \$  
\* \$Date: 2005-06-13 15:04:56 -0400 (Mon, 13 Jun 2005) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/PartBase.java,v 1.5 2004/04/18  
23:51:37 jsdever Exp \$  
\* \$Revision: 155418 \$  
\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$  
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jar/org/apache/commons/httpclient/methods/multipart/PartBase.java

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```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthPolicy.java,v 1.6 2004/05/13 04:02:00
mbecke Exp $
 * $Revision: 155418 $
 * $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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 *
 */
/**
 * Authentication policy class. The Authentication policy provides corresponding
 * authentication scheme interfrace for a given type of authorization challenge.
 * <p>The following specifications are provided:
 * <ul>
 * <li><tt>Basic</tt>: Basic authentication scheme as defined in RFC2617
 * (considered inherently insecure, but most widely supported)
 * <li><tt>Digest</tt>: Digest authentication scheme as defined in RFC2617
 * <li><tt>NTLM</tt>: The NTLM scheme is a proprietary Microsoft Windows
 * Authentication protocol (considered to be the most secure among
 * currently supported authentication
 * schemes)
 * </ul>
 *
 * @author <a href="mailto:oleg@ural.ru">Oleg Kalnichevski</a>

```

```
*
* @version $Revision: 155418 $
* @since 3.0
*/
/**
 * The NTLM scheme is a proprietary Microsoft Windows Authentication
 * protocol (considered to be the most secure among currently supported
 * authentication schemes).
 */
```

Found in path(s):

```
* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/AuthPolicy.java
```

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```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpMethodRetryHandler.java,v 1.2 2004/09/14
20:11:31 olegk Exp $
 * $Revision: 224452 $
 * $Date: 2005-07-23 06:33:39 -0400 (Sat, 23 Jul 2005) $
 *
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/HttpMethodRetryHandler.java  
No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpConnectionManager.java,v 1.24 2004/07/05 22:46:58 olegk Exp \$

\* \$Revision: 155418 \$

\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/RFC2617Scheme.java,v 1.10 2004/05/13 04:02:00 mbecke Exp \$

\* \$Revision: 155418 \$

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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/RFC2617Scheme.java
```

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/Cookie.java,v 1.44 2004/06/05 16:49:20 olegk Exp $
* $Revision: 157457 $
* $Date: 2005-03-14 15:23:16 -0500 (Mon, 14 Mar 2005) $
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Found in path(s):

\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-  
jar/org/apache/commons/httpclient/Cookie.java  
No license file was found, but licenses were detected in source scan.

/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/RFC2109Spec.java,v 1.21 2004/06/05  
16:49:20 olegk Exp \$  
\* \$Revision: 290666 \$  
\* \$Date: 2005-09-21 05:30:56 -0400 (Wed, 21 Sep 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/cookie/RFC2109Spec.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/util/EncodingUtil.java,v 1.8 2004/05/13 04:01:22 mbecke Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpMethodBase.java,v 1.222 2005/01/14 21:16:40 olegk Exp \$

```
* $Revision: 345322 $
* $Date: 2005-11-17 15:20:08 -0500 (Thu, 17 Nov 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/DigestScheme.java,v 1.22 2004/12/30 11:01:27
oglueck Exp $
* $Revision: 368699 $
* $Date: 2006-01-13 07:24:45 -0500 (Fri, 13 Jan 2006) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/DigestScheme.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/protocol/ProtocolSocketFactory.java,v 1.10
2004/05/13 04:01:22 mbecke Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpException.java,v 1.19 2004/09/30 18:53:20 olegk  
Exp \$

\* \$Revision: 155418 \$

\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/NameValuePair.java,v 1.17 2004/04/18 23:51:35
jsdever Exp $
 * $Revision: 157457 $
 * $Date: 2005-03-14 15:23:16 -0500 (Mon, 14 Mar 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/NameValuePair.java

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/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/URI.java,v 1.47 2004/05/13 04:03:25 mbecke Exp $
 * $Revision: 372560 $
 * $Date: 2006-01-26 11:07:06 -0500 (Thu, 26 Jan 2006) $
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/\*  
 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/HostConfiguration.java,v 1.23 2005/01/14 21:16:40  
 olegk Exp \$  
 \* \$Revision: 354155 \$  
 \* \$Date: 2005-12-05 15:18:10 -0500 (Mon, 05 Dec 2005) \$  
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/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/methods/PostMethod.java,v 1.58 2004/08/08 12:50:09  
olegk Exp \$  
\* \$Revision: 155418 \$  
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jar/org/apache/commons/httpclient/methods/PostMethod.java

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```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/InputStreamRequestEntity.java,v 1.4
2004/05/17 21:46:03 olegk Exp $
 * $Revision: 224452 $
 * $Date: 2005-07-23 06:33:39 -0400 (Sat, 23 Jul 2005) $
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jar/org/apache/commons/httpclient/methods/InputStreamRequestEntity.java
```

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```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/util/DateUtil.java,v 1.2 2004/12/24 20:36:13 olegk
Exp $
 * $Revision: 224451 $
 * $Date: 2005-07-23 06:23:59 -0400 (Sat, 23 Jul 2005) $
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jar/org/apache/commons/httpclient/util/DateUtil.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/CircularRedirectException.java,v 1.1 2005/01/14
19:40:39 olegk Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/protocol/ControllerThreadSocketFactory.java,v 1.2  
2004/04/18 23:51:38 jsdever Exp \$  
\* \$Revision: 155418 \$  
\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/protocol/ControllerThreadSocketFactory.java

No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthSchemeBase.java,v 1.7 2004/04/18 23:51:36 jsdever Exp \$

\* \$Revision: 155418 \$

\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpConnectionManagerParams.java,v 1.9

2004/09/13 16:25:20 olegk Exp \$

\* \$Revision: 354155 \$

\* \$Date: 2005-12-05 15:18:10 -0500 (Mon, 05 Dec 2005) \$

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/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons/httpclient/src/java/org/apache/commons/httpclient/StatusLine.java,v 1.14 2004/07/19 20:24:21 olegk Exp \$

\* \$Revision: 354155 \$

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jar/org/apache/commons/httpclient/StatusLine.java  
No license file was found, but licenses were detected in source scan.

/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/DefaultHttpMethodRetryHandler.java,v 1.3  
2004/12/20 11:47:46 olegk Exp \$  
\* \$Revision: 280621 \$  
\* \$Date: 2005-09-13 14:41:21 -0400 (Tue, 13 Sep 2005) \$  
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jar/org/apache/commons/httpclient/DefaultHttpMethodRetryHandler.java  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/NetscapeDraftSpec.java,v 1.11 2004/05/13  
04:02:00 mbecke Exp \$  
\* \$Revision: 155418 \$  
\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$  
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-  
jar/org/apache/commons/httpclient/cookie/NetscapeDraftSpec.java



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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpClientParams.java,v 1.7 2004/05/13
04:01:22 mbecke Exp $
* $Revision: 354155 $
* $Date: 2005-12-05 15:18:10 -0500 (Mon, 05 Dec 2005) $
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jar/org/apache/commons/httpclient/params/HttpClientParams.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeException.java,v 1.2 2004/04/18
23:51:36 jsdever Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/AuthChallengeException.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/GetMethod.java,v 1.29 2004/06/13 20:22:19
olegk Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
*

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthScope.java,v 1.2 2004/06/23 06:50:25 olegk Exp \$

\* \$Revision: 354155 \$  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/ProxyHost.java,v 1.2 2005/01/14 21:16:40 olegk Exp \$

\* \$Revision: 155418 \$

\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/NTCredentials.java,v 1.10 2004/04/18 23:51:35 jsdever Exp \$

\* \$Revision: 326707 \$

\* \$Date: 2005-10-19 16:51:46 -0400 (Wed, 19 Oct 2005) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons/httpclient/src/java/org/apache/commons/httpclient/HttpRecoverableException.java,v 1.15 2004/07/05

22:46:58 olegk Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/MethodRetryHandler.java,v 1.5 2004/07/05 22:46:58  
olegk Exp \$  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HeaderGroup.java,v 1.8 2004/05/13 04:03:25 mbecke Exp \$

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* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/util/IdleConnectionHandler.java,v 1.2 2004/05/13
02:40:36 mbecke Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/Credentials.java,v 1.9 2004/04/18 23:51:34 jsdever
Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
 commons/httpclient/src/java/org/apache/commons/httpclient/NoHttpResponseException.java,v 1.1 2004/07/05  
 22:46:58 olegk Exp \$  
 \* \$Revision: 155418 \$  
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jar/org/apache/commons/httpclient/NoHttpResponseException.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/HttpAuthenticator.java,v 1.19 2004/10/06
17:32:04 olegk Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
```

jar/org/apache/commons/httpclient/auth/HttpAuthenticator.java  
No license file was found, but licenses were detected in source scan.

```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpParamsFactory.java,v 1.5 2004/05/13
04:01:22 mbecke Exp $
 * $Revision: 155418 $
 * $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
 *
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Found in path(s):

```
* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/params/HttpParamsFactory.java
No license file was found, but licenses were detected in source scan.
```

```
/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/DeleteMethod.java,v 1.14 2004/04/18
23:51:37 jsdever Exp $
 * $Revision: 155418 $
 * $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
 *
 * =====
```

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Found in path(s):

```

* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/methods/DeleteMethod.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpState.java,v 1.38 2004/12/20 11:50:54 olegk Exp
$
* $Revision: 377704 $
* $Date: 2006-02-14 06:48:29 -0500 (Tue, 14 Feb 2006) $
*
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-  
jar/org/apache/commons/httpclient/HttpState.java

No license file was found, but licenses were detected in source scan.

/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpClientError.java,v 1.4 2004/05/13 04:03:25  
mbecke Exp \$  
\* \$Revision: 155418 \$  
\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$  
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Found in path(s):

\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/HttpClientError.java

No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/protocol/SecureProtocolSocketFactory.java,v 1.6 2004/04/18 23:51:38 jsdever Exp \$

\* \$Revision: 155418 \$

\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/protocol/SecureProtocolSocketFactory.java

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/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/ConnectTimeoutException.java,v 1.5 2004/07/05 22:46:58 olegk Exp \$

```
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
*
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jar/org/apache/commons/httpclient/ConnectTimeoutException.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/multipart/MultipartRequestEntity.java,v 1.1
2004/10/06 03:39:59 mbecke Exp $
* $Revision: 327791 $
* $Date: 2005-10-23 09:27:39 -0400 (Sun, 23 Oct 2005) $
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jar/org/apache/commons/httpclient/methods/multipart/MultipartRequestEntity.java
No license file was found, but licenses were detected in source scan.

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/SimpleHttpConnectionManager.java,v 1.23
2004/10/16 22:40:08 mbecke Exp $
* $Revision: 329914 $
* $Date: 2005-10-31 16:24:47 -0500 (Mon, 31 Oct 2005) $
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jar/org/apache/commons/httpclient/SimpleHttpConnectionManager.java  
No license file was found, but licenses were detected in source scan.

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/DefaultMethodRetryHandler.java,v 1.4 2004/07/05  
22:46:58 olegk Exp \$  
\* \$Revision: 155418 \$  
\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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jar/org/apache/commons/httpclient/DefaultMethodRetryHandler.java  
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/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/IgnoreCookiesSpec.java,v 1.6 2004/09/14
20:11:31 olegk Exp $
 * $Revision: 179050 $
 * $Date: 2005-05-30 08:22:06 -0400 (Mon, 30 May 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
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/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ChunkedOutputStream.java,v 1.16 2004/05/13
04:03:25 mbecke Exp $
 * $Revision: 220180 $
 * $Date: 2005-07-21 16:29:45 -0400 (Thu, 21 Jul 2005) $
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/ChunkedOutputStream.java

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/\*  
 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/Wire.java,v 1.9 2004/06/24 21:39:52 mbecke Exp \$  
 \* \$Revision: 155418 \$  
 \* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$  
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jar/org/apache/commons/httpclient/Wire.java
```

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/util/IdleConnectionTimeoutThread.java,v 1.2
2004/05/13 02:40:36 mbecke Exp $
* $Revision: 354829 $
* $Date: 2005-12-07 14:05:13 -0500 (Wed, 07 Dec 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
```

jar/org/apache/commons/httpclient/util/IdleConnectionTimeoutThread.java

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/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/util/TimeoutController.java,v 1.6 2004/04/18 23:51:38

jsdever Exp \$

\* \$Revision: 291181 \$

\* \$Date: 2005-09-23 14:13:25 -0400 (Fri, 23 Sep 2005) \$

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jar/org/apache/commons/httpclient/util/TimeoutController.java

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\* \$HeadURL:

[https://svn.apache.org/repos/asf/jakarta/commons/proper/httpclient/branches/HTTPCLIENT\\_3\\_0\\_BRANCH/src/java/org/apache/commons/httpclient/util/LangUtils.java](https://svn.apache.org/repos/asf/jakarta/commons/proper/httpclient/branches/HTTPCLIENT_3_0_BRANCH/src/java/org/apache/commons/httpclient/util/LangUtils.java) \$

\* \$Revision: 354155 \$

\* \$Date: 2005-12-05 15:18:10 -0500 (Mon, 05 Dec 2005) \$

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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/util/LangUtils.java
No license file was found, but licenses were detected in source scan.

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```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/cookie/CookiePolicy.java,v 1.15 2004/09/14 20:11:31
olegk Exp $
* $Revision: 356822 $
* $Date: 2005-12-14 13:08:35 -0500 (Wed, 14 Dec 2005) $
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jar/org/apache/commons/httpclient/cookie/CookiePolicy.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/params/DefaultHttpParamsFactory.java,v 1.16  
2004/11/20 21:48:47 mbecke Exp \$  
\* \$Revision: 404762 \$  
\* \$Date: 2006-05-07 10:07:41 -0400 (Sun, 07 May 2006) \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/CredentialsProvider.java,v 1.6 2004/07/05 22:46:59 olegk Exp \$

\* \$Revision: 357669 \$

\* \$Date: 2005-12-19 04:19:10 -0500 (Mon, 19 Dec 2005) \$

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Found in path(s):

\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/auth/CredentialsProvider.java

No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/protocol/DefaultProtocolSocketFactory.java,v 1.10 2004/05/13 04:01:22 mbecke Exp \$



```
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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Found in path(s):

```
* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/protocol/DefaultProtocolSocketFactory.java
No license file was found, but licenses were detected in source scan.
```

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/MalformedChallengeException.java,v 1.6
2004/05/13 04:02:00 mbecke Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/MalformedChallengeException.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/HttpURL.java,v 1.11 2004/09/30 17:26:41 oglueck
Exp $
* $Revision: 155418 $
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No license file was found, but licenses were detected in source scan.

/\*

\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/WireLogInputStream.java,v 1.15 2004/06/24 21:39:52 mbecke Exp \$

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No license file was found, but licenses were detected in source scan.

```

/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthScheme.java,v 1.12 2004/05/13 04:02:00
mbecke Exp $
 * $Revision: 155418 $
 * $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/AuthScheme.java

```

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/*
 * $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/HeadMethod.java,v 1.29 2004/06/13
20:22:19 olegk Exp $
 * $Revision: 155418 $
 * $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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jar/org/apache/commons/httpclient/methods/HeadMethod.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/util/ExceptionUtil.java,v 1.5 2004/10/19 18:09:46
olegk Exp $
* $Revision: 155418 $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/protocol/Protocol.java,v 1.10 2004/04/18 23:51:38 jsdever Exp \$

\* \$Revision: 157457 \$

\* \$Date: 2005-03-14 15:23:16 -0500 (Mon, 14 Mar 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/protocol/Protocol.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/params/HttpConnectionParams.java,v 1.6 2004/09/15 20:32:21 olegk Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/auth/BasicScheme.java,v 1.17 2004/05/13 04:02:00 mbecke Exp \$

\* \$Revision: 155418 \$

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/util/ParameterParser.java,v 1.5 2004/05/13 04:01:22
mbecke Exp $
* $Revision: 345737 $
* $Date: 2005-11-20 07:30:47 -0500 (Sun, 20 Nov 2005) $
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/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/auth/NTLM.java,v 1.11 2004/05/13 04:02:00 mbecke  
Exp \$  
\* \$Revision: 155418 \$  
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*/
/**
* Provides an implementation of the NTLM authentication protocol.
* <p>
* This class provides methods for generating authentication
* challenge responses for the NTLM authentication protocol. The NTLM
* protocol is a proprietary Microsoft protocol and as such no RFC
* exists for it. This class is based upon the reverse engineering
* efforts of a wide range of people.</p>
*
* <p>Please note that an implementation of JCE must be correctly installed and configured when
* using NTLM support.</p>
*
* <p>This class should not be used externally to HttpClient as it's API is specifically
* designed to work with HttpClient's use
* case, in particular it's connection management.</p>
*
* @author <a href="mailto:adrian@ephox.com">Adrian Sutton</a>
* @author <a href="mailto:jsdever@apache.org">Jeff Dever</a>
* @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
*
* @version $Revision: 155418 $ $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
* @since 3.0
*/

```

Found in path(s):

```

* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/NTLM.java

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/AuthenticationException.java,v 1.6 2004/05/13
04:02:00 mbecke Exp $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/ContentLengthInputStream.java,v 1.12 2004/10/04 22:05:44 olegk Exp \$

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/HttpStatus.java,v 1.18 2004/05/02 11:21:13 olegk Exp \$

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* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/methods/ExpectContinueMethod.java,v 1.13
2004/05/08 10:12:08 olegk Exp $
* $Revision: 155418 $
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jar/org/apache/commons/httpclient/methods/ExpectContinueMethod.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/InvalidCredentialsException.java,v 1.4
2004/05/13 04:02:00 mbecke Exp $
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 \* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/AutoCloseInputStream.java,v 1.9 2004/04/18 23:51:34 jsdever Exp \$  
 \* \$Revision: 291181 \$  
 \* \$Date: 2005-09-23 14:13:25 -0400 (Fri, 23 Sep 2005) \$  
 \*  
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jar/org/apache/commons/httpclient/AutoCloseInputStream.java  
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/\*  
\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/auth/NTLMScheme.java,v 1.21 2004/05/13 04:02:00  
mbecke Exp \$  
\* \$Revision: 156690 \$  
\* \$Date: 2005-03-09 16:40:30 -0500 (Wed, 09 Mar 2005) \$  
\*

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\* <http://davenport.sourceforge.net/ntlm.html></a>.

```
*
* @author <a href="mailto:remm@apache.org">Remy Maucherat</a>
* @author Rodney Waldhoff
* @author <a href="mailto:jsdever@apache.org">Jeff Dever</a>
* @author Ortwin Gl??ck
* @author Sean C. Sullivan
* @author <a href="mailto:adrian@ephox.com">Adrian Sutton</a>
* @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
* @author <a href="mailto:oleg@ural.ru">Oleg Kalnichevski</a>
*/
```

Found in path(s):

```
* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/auth/NTLMScheme.java
```

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/auth/HttpAuthRealm.java,v 1.9 2004/06/12 22:47:23
olegk Exp $
* $Revision: 155418 $
* $Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) $
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/util/DateParseException.java,v 1.5 2004/11/06 19:15:42 mbecke Exp \$

\* \$Revision: 155418 \$

\* \$Date: 2005-02-26 08:01:52 -0500 (Sat, 26 Feb 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/util/DateParseException.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/RedirectException.java,v 1.2 2004/04/18 23:51:35 jsdever Exp \$

\* \$Revision: 155418 \$

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```
* /opt/cola/permits/1826512082_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-
jar/org/apache/commons/httpclient/RedirectException.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons/httpclient/src/java/org/apache/commons/httpclient/ChunkedInputStream.java,v 1.24 2004/10/10 15:18:55
olegk Exp $
* $Revision: 291181 $
* $Date: 2005-09-23 14:13:25 -0400 (Fri, 23 Sep 2005) $
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-  
jar/org/apache/commons/httpclient/ChunkedInputStream.java  
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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-  
commons/httpclient/src/java/org/apache/commons/httpclient/HttpHost.java,v 1.3 2005/01/14 21:16:40 olegk Exp \$  
\* \$Revision: 157457 \$  
\* \$Date: 2005-03-14 15:23:16 -0500 (Mon, 14 Mar 2005) \$  
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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/HttpHost.java

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\* \$Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons/httpclient/src/java/org/apache/commons/httpclient/params/HostParams.java,v 1.5 2004/10/06 17:32:04 olegk Exp \$

\* \$Revision: 224451 \$

\* \$Date: 2005-07-23 06:23:59 -0400 (Sat, 23 Jul 2005) \$

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\* /opt/cola/permits/1826512082\_1697763031.9639745/0/commons-httpclient-3-0-1-sources-13-jar/org/apache/commons/httpclient/params/HostParams.java

## 1.369 jackson-coreutils 2.0

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\* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

\* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

\* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* `admin/check-style.sh`,  
`admin/check-style-common.awk`,  
`admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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(DLZ) for Bind 9 was  
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<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

xmlns:xi="http://www.w3.org/2001/XInclude"

xmlns:db="http://docbook.org/ns/docbook">

```

<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">

    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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  </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
    <xsl:value-of
      select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

<!--
- Local variables:
- mode: sgml
- End:
-->

```

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# 1.374 nspr 4.35.0-1.el7\_9

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# 1.376 libtasn 3.7.0

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### A. HISTORY OF THE SOFTWARE

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

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

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

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

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          |              |           |            |                     |
| 2.1.2          | 2002         | PSF       | yes        |                     |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |
| 2.3.4          | 2.3.3        | 2004      | PSF        | yes                 |
| 2.3.5          | 2.3.4        | 2005      | PSF        | yes                 |
| 2.4            | 2.3          | 2004      | PSF        | yes                 |
| 2.4.1          | 2.4          | 2005      | PSF        | yes                 |
| 2.4.2          | 2.4.1        | 2005      | PSF        | yes                 |

|       |       |      |     |     |
|-------|-------|------|-----|-----|
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5   | 2.4   | 2006 | PSF | yes |
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
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| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7   | 2.6   | 2010 | PSF | yes |

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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## 1.383 json 2.7.1

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```
/**
 * Base constructor.
 * <p>
 * The authorizer attempts to perform matching (including the use of the wildcard) in accordance with RFC 6125.
 * </p>
 * <p>
 * Known suffixes is a list of public domain suffixes that can't be used as wild cards for
 * example *.com, or c*c.com, as a dns wildcard could match every/most .com domains if a registrar were issue it.
 * If *.com is in the known suffixes list will not be allowed to match.
 * </p>
 *
 * @param knownSuffixes a set of suffixes that cannot be wild-carded, e.g. { ".com", ".net", ".org" }
 */
```

Found in path(s):

\* /opt/cola/permits/1866420555\_1702420805.8968983/0/bcpkix-fips-1-0-7-sources-2-jar/org/bouncycastle/est/jcajce/JsseDefaultHostnameAuthorizer.java

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```

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# 1.386 curl 7.29.0-59.el7\_9.2

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=====

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(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib [http://www.gzip.org/zlib/zlib\\_license.html](http://www.gzip.org/zlib/zlib_license.html)

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

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## 1.387 gopkg.in-yaml 2.4.0

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# 1.388 golang-lru 0.5.4

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became

Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

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| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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Manifest-Version: 1.0

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Build-Jdk-Spec: 11  
Automatic-Module-Name: io.swagger.annotations  
implementation-version: 1.6.12  
mode: development  
package: io.swagger  
url: <https://github.com/swagger-api/swagger-core/modules/swagger-annotations>  
Bundle-Description: Sonatype helps open source projects to set up Maven repositories on <https://oss.sonatype.org/>  
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Bundle-SymbolicName: io.swagger.swagger-annotations  
Bundle-Version: 1.6.12  
Export-Package: io.swagger.annotations;version="1.6.12"  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"

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\* /opt/cola/permits/1884239811\_1705059168.454696/0/swagger-annotations-1-6-12-jar/META-INF/MANIFEST.MF

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## 1.406 jsch 0.1.45

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Found in path(s):

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* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/RequestAgentForwarding.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/jcraft/HMACMD5.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/jcraft/HMACSHA1.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/jcraft/HMACMD596.java
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/opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/jgss/GSSContextKrb5.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/ChannelAgentForwarding.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/jcraft/HMACSHA196.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/ProxySOCKS4.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/jcraft/HMAC.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/Logger.java
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\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/ARCFOUR.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/AES128CTR.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/ARCFOUR128.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/ARCFOUR256.java

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/opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/TripleDESCTR.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/AES192CTR.java

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\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/AES256CBC.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/ChannelSubsystem.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/AES128CBC.java

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/opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/RequestSubsystem.java

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\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/DH.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/ServerSocketFactory.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/SignatureRSA.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/RequestShell.java

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/opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/Channel.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/DHG1.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/UserAuth.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-

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jar/com/jcraft/jsch/KeyExchange.java
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* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/KnownHosts.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/SocketFactory.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/IO.java
*
/opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/RequestSftp.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/UserInfo.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/JSchException.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/Proxy.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/JSch.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
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* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
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* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/CipherNone.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/ChannelSession.java
*
/opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/PortWatcher.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
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* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
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* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/jce/KeyPairGenRSA.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/Cipher.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/SHA1.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/MAC.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/UserAuthNone.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/ProxyHTTP.java
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/opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/IdentityFile.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/Util.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/JSchPartialAuthException.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/ChannelSftp.java
* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
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* /opt/cola/permits/1894972637_1706332879.1040916/0/jsch-0-1-45-sources-3-
jar/com/jcraft/jsch/UserAuthPassword.java

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\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/JSchAuthCancelException.java  
 \* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/Buffer.java  
 \* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/RequestX11.java  
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 \* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/HMACMD596.java  
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 \* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/KeyPair.java  
 \* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/RequestWindowChange.java  
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 \* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/ChannelForwardedTCPIP.java  
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 /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/Identity.java  
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 \* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/UserAuthKeyboardInteractive.java

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\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/KeyPairGenDSA.java  
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\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/jce/KeyPairGenDSA.java

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\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/GSSContext.java

\* /opt/cola/permits/1894972637\_1706332879.1040916/0/jsch-0-1-45-sources-3-jar/com/jcraft/jsch/HostKeyRepository.java

## 1.407 protobuf 1.30.0

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## 1.410 golang 1.22.0

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- \* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/Detail.java
- \* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/SOAPConnection.java

\* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/MimeHeader.java

\* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/Name.java

\* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/SAAJResult.java

\*

/opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/SOAPEnvelope.java

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\* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/SOAPBodyElement.java

\* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/SOAPElementFactory.java

\*

/opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/SOAPException.java

\* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/SAAJMetaFactory.java

\* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/FactoryFinder.java

\* /opt/cola/permits/1907701620\_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-jar/javax/xml/soap/SOAPConstants.java

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*/
/**
 * Returns an Iterator over all the immediate child
 * { @link Node}s of this element. This includes javax.xml.soap.Text
 * objects as well as SOAPElement objects.
 * <p>
 * Calling this method may cause child Element,
 * SOAPElement and org.w3c.dom.Text nodes to be
 * replaced by SOAPElement, SOAPHeaderElement,
 * SOAPBodyElement or javax.xml.soap.Text nodes as
 * appropriate for the type of this parent node. As a result the calling
 * application must treat any existing references to these child nodes that
 * have been obtained through DOM APIs as invalid and either discard them or
 * refresh them with the values returned by this Iterator. This
 * behavior can be avoided by calling the equivalent DOM APIs. See
 * { @link <a HREF="package-summary.html#package_description">javax.xml.soap<a>}
 * for more details.
 *
 * @return an iterator with
the content of this SOAPElement
 *   object
 */

```

Found in path(s):

```

* /opt/cola/permits/1907701620_1707709460.6010573/0/com-springsource-javax-xml-soap-sources-1-3-0-
jar/javax/xml/soap/SOAPElement.java

```

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- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/FastLongMethodGenerator.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/annotations/Delegate.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/FastIntPtrMethodGenerator.java
- \*
- /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/NativeClosurePointer.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/AbstractFastNumericMethodGenerator.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/MethodGenerator.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/BaseMethodGenerator.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/ClosureUtil.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/AsmBuilder.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/StructLayout.java
- \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/X86MethodGenerator.java
- \*

/opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/BufferMethodGenerator.java  
\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/mapper/AbstractDataConverter.java  
\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/NativeClosureFactory.java  
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\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/platform/ppc64/linux/TypeAliases.java  
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\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/Pointer.java

\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/DefaultInvokerFactory.java

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jar/jnr/ffi/provider/jffi/platform/sparcv9/linux/TypeAliases.java  
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jar/jnr/ffi/util/AnnotationProperty.java  
\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/util/AnnotationProxy.java  
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\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/ShareMemoryIO.java



\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-  
 jar/jnr/ffi/provider/ParameterFlags.java  
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 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-  
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 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/CallingConvention.java  
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 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/BadType.java  
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 jar/jnr/ffi/byref/FloatByReference.java  
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\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/LastError.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/NativeLibrary.java  
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 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/AbstractRuntime.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/InAccessibleMemoryIO.java  
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 /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/Platform.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/byref/AddressByReference.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/AsmRuntime.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/NativeRuntime.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/annotations/Meta.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/AbstractBufferMemoryIO.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/JNIInvokeInterface.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/CodegenUtils.java  
 \*  
 /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/SkinnyMethodAdapter.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/NativeLong.java  
 \* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/provider/jffi/AbstractA64StubCompiler.java

\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/byref/PointerByReference.java

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Found in path(s):

\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/util/ref/internal/Finalizer.java

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Found in path(s):

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\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/Runtime.java

\* /opt/cola/permits/1918050017\_1708957567.8512805/0/jnr-ffi-2-2-16-sources-

jar/jnr/ffi/byref/AbstractReference.java

```
*
/opt/cola/permits/1918050017_1708957567.8512805/0/jnr-ffi-2-2-16-sources-jar/jnr/ffi/Type.java
* /opt/cola/permits/1918050017_1708957567.8512805/0/jnr-ffi-2-2-16-sources-
jar/jnr/ffi/byref/AbstractNumberReference.java
```

## 1.417 jnr-posix 3.1.19

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Found in path(s):

```
* /opt/cola/permits/1918049939_1708957527.9293916/0/jnr-posix-3-1-19-sources-
jar/jnr/posix/DefaultNativeGroup.java
* /opt/cola/permits/1918049939_1708957527.9293916/0/jnr-posix-3-1-19-sources-
jar/jnr/posix/util/ProcessMaker.java
* /opt/cola/permits/1918049939_1708957527.9293916/0/jnr-posix-3-1-19-sources-
jar/jnr/posix/util/Java5ProcessMaker.java
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Found in path(s):

```
* /opt/cola/permits/1918049939_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/LibC.java
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*
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\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/DragonFlyFileStat.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/OpenBSDFileStat.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/LinuxFileStat32.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/AixPOSIX.java  
\*  
/opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/FreeBSDFileStat.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/FreeBSDPOSIX.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/DragonFlyPasswd.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/DragonFlyPOSIX.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/FreeBSDPasswd.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/OpenBSDPasswd.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/AixFileStat.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/FreeBSDFileStat12.java  
\* /opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/AixLibC.java  
\*  
/opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/OpenBSDPOSIX.java

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```

* /opt/cola/permits/1918049939_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/MacOSFileStat.java
* /opt/cola/permits/1918049939_1708957527.9293916/0/jnr-posix-3-1-19-sources-
jar/jnr/posix/MacOSFileStat64Inode.java
* /opt/cola/permits/1918049939_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/util/Platform.java
* /opt/cola/permits/1918049939_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/BaseFileStat.java

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jar/jnr/posix/JavaLibCHelper.java

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\*/opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/JavaSecuredFile.java

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\*/opt/cola/permits/1918049939\_1708957527.9293916/0/jnr-posix-3-1-19-sources-jar/jnr/posix/util/ExecIt.java

## 1.418 reline 0.4.2

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## 1.419 io-console 0.7.2

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# 1.420 stringio 3.0.8

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```
# StringIO
```

```
![ubuntu](https://github.com/ruby/stringio/workflows/ubuntu/badge.svg?branch=master&event=push)
```

```
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```

```
![windows](https://github.com/ruby/stringio/workflows/windows/badge.svg?branch=master&event=push)
```

Pseudo ``IO`` class from/to ``String``.

This library is based on MoonWolf version written in Ruby. Thanks a lot.

```
## Differences to `IO`
```

```
* `fileno` raises `NotImplementedError`.
```

```
* encoding conversion is not implemented, and ignored silently.
```

```
* there is no `#to_io` method because this is not an `IO`.
```

```
## Installation
```

Add this line to your application's Gemfile:

```
``ruby
gem 'stringio'
````
```

And then execute:

```
$ bundle
```

Or install it yourself as:

```
$ gem install stringio
```

```
## Development
```

Run `bundle install` to install dependencies and then `bundle exec rake test` to run the tests.

To install this gem onto your local

machine, run `bundle exec rake install`. To release a new version, update the version number in `version.rb`, and then run `bundle exec rake release`, which will create a git tag for the version, push git commits and tags, and push the `.gem` file to [rubygems.org](https://rubygems.org).

```
## Contributing
```

Bug reports and pull requests are welcome on GitHub at <https://github.com/ruby/stringio>.

```
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```
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```

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```
/*****
```

```
stringio.c -
```

```
$Author$
```

```
$RoughId: stringio.c,v 1.13 2002/03/14 03:24:18 nobu Exp $
```

```
created at: Tue Feb 19 04:10:38 JST 2002
```

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```
*****/
```

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```
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```

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## 1.422 nkf 0.2.0

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## 1.424 jruby-base 9.4.6.0

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# 1.426 strscan 3.1.0

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## 1.430 swagger-parser-safe-url-resolver 2.1.21

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```
public License getLicense(ObjectNode node, String location, ParseResult result) {
```

Found in path(s):

```
* /opt/cola/permits/1960196469_1712151657.032984/0/swagger-parser-v3-2-1-21-sources-jar/io/swagger/v3/parser/util/OpenAPIDeserializer.java
```

# 1.432 swagger-parser 1.0.69

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## 1.439 byte-buddy 1.14.13

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File: PSReadLine  
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\* /bin/grep

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Upstream source <https://invisible-island.net/ncurses/ncurses.html>

This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <[dickey@invisible-island.net](mailto:dickey@invisible-island.net)>

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## 1.450 gorilla 1.4.2

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The DSP/Bridge project wish to thank all of its contributors, current bridge driver is the result of the work of all of them. If any name is accidentally omitted, let us know by sending a mail to omar.ramirez@ti.com or x095840@ti.com.

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather

lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

\*

\*

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 \*  
 \* M. Welsh, 6 July 1996  
 \*  
 \*  
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Michael Hunold <m.hunold@gmx.de>  
for the initial saa7146 driver and its recent overhaul

Christian Theiss  
for his work on the initial Linux DVB driver

Marcus Metzler <mocm@metzlerbros.de>  
Ralph Metzler <rjkm@metzlerbros.de>  
for their continuing work on the DVB driver

Michael Holz <kju@debian.org>  
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>  
for CyberLogin for Linux which allows logging onto EON  
(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

Martin Schaller <martin@smurf.franken.de>  
for patching the cable card decoder driver

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for many bugfixes in the generic DVB Core, frontend drivers and their work on the dbox2 port of the DVB driver



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for the support of the Fujitsu-Siemens Activy budget DVB-S

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Peter Beutner <p.beutner@gmx.net>

for the IR code for the ttusb-dec driver

Wilson Michaels <wilsonmichaels@earthlink.net>

for the l9d330x frontend driver, and various bugfixes

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for maintaining v4l/dvb inter-tree dependencies

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for the nxt2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com>

for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>  
for the or51211 and or51132 frontend drivers, and  
for merging the nxt2002 and nxt2004 modules into a  
single nxt200x frontend driver.

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## 1.459 errors 0.9.1

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## 1.462 go-jose 4.0.1

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For the following XML

Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd

- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
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lib/em/buftok.rb

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# Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307  
# USA  
# -----  
#  
$Id: empty.bnd 12337 2007-12-13 02:43:26Z benoitf $  
# -----  
Export-Package org.ow2.jonas.empty
```

DynamicImport-Package \*

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master/src/main/javassist/bytecode/annotation/FloatMemberValue.java
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* /opt/cola/permits/2070863681_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-
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* /opt/cola/permits/2070863681_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-
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master/src/main/javassist/bytecode/annotation/IntegerMemberValue.java

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\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/compiler/ast/CallExpr.java

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 \* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/expr/NewExpr.java  
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 \* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/CtNewWrappedMethod.java  
 \* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/compiler/TokenId.java

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/bytecode/AccessFlag.java

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/compiler/Javac.java

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\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/convert/TransformCall.java

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\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/compiler/ast/CondExpr.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/bytecode/InstructionPrinter.java  
\*  
/opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/bytecode/NestHostAttribute.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/tools/rmi/Sample.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/bytecode/InnerClassesAttribute.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/CodeConverter.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/CtConstructor.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/bytecode/analysis/Type.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/CannotCompileException.java  
\*  
/opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/compiler/Lex.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/runtime/Desc.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/util/proxy/SerializedProxy.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/util/HotSwapper.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/scopedpool/ScopedClassPoolFactory.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/compiler/MemberResolver.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/ClassMap.java  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/main/javassist/bytecode/SourceFileAttribute.java  
No license file was found, but licenses were detected in source scan.

```

<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
  <title>Javassist Tutorial</title>
  <link rel="stylesheet" type="text/css" href="brown.css">
</head>
<body>

<b>
<font size="+3">
Getting Started with Javassist
</font>

<p><font size="+2">
Shigeru Chiba
</font>
</b>

<p><div align="right"><a href="tutorial2.html">Next page</a></div>

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<p><br>

<a name="read">
<h2>1.
Reading and writing bytecode</h2>

<p>Javassist is a class library for dealing with Java bytecode.
Java bytecode is stored in a binary file called a class file.
Each class file contains one Java class or interface.

<p>The class <code>Javassist.CtClass</code> is an abstract
representation of a class file. A <code>CtClass</code> (compile-time
class) object is a handle for dealing with a class file. The
following program is a very simple example:

<ul><pre>

```

```
ClassPool pool = ClassPool.getDefault();
CtClass cc = pool.get("test.Rectangle");
cc.setSuperclass(pool.get("test.Point"));
cc.writeFile();
</pre></ul>
```

<p>This program first obtains a <code>ClassPool</code> object, which controls bytecode modification with Javassist. The <code>ClassPool</code> object is a container of <code>CtClass</code> object representing a class file. It reads a class file on demand for constructing a <code>CtClass</code> object and records the constructed object for responding later accesses.

To modify the definition of a class, the users must first obtain from a <code>ClassPool</code> object a reference to a <code>CtClass</code> object representing that class. <code>get()</code> in <code>ClassPool</code> is used for this purpose. In the case of the program shown above, the <code>CtClass</code> object representing a class <code>test.Rectangle</code> is obtained from the <code>ClassPool</code> object and it is assigned to a variable <code>cc</code>. The <code>ClassPool</code> object returned by <code>getDefault()</code> searches the default system search path.

<p>From the implementation viewpoint, <code>ClassPool</code> is a hash table of <code>CtClass</code> objects, which uses the class names as keys. <code>get()</code> in <code>ClassPool</code> searches this hash table to find a <code>CtClass</code> object associated with the specified key. If such a <code>CtClass</code> object is not found, <code>get()</code> reads a class file to construct a new <code>CtClass</code> object, which is recorded in the hash table and then returned as the resulting value of <code>get()</code>.

<p>The <code>CtClass</code> object obtained from a <code>ClassPool</code> object can be modified ([details of how to modify a <code>CtClass</code>](#tutorial2.html#intro) will be presented later). In the example above, it is modified so that the superclass of <code>test.Rectangle</code> is changed into a class <code>test.Point</code>. This change is reflected on the original class file when <code>writeFile()</code> in <code>CtClass()</code> is finally called.

<p><code>writeFile()</code> translates the <code>CtClass</code> object into a class file and writes it on a local disk.

Javassist also provides a method for directly obtaining the modified bytecode. To obtain the bytecode, call `toBytecode()`:

```
<ul><pre>
byte[] b = cc.toBytecode();
</pre></ul>
```

You can directly load the `CtClass` as well:

```
<ul><pre>
Class clazz = cc.toClass();
</pre></ul>
```

`toClass()` requests the context class loader for the current thread to load the class file represented by the `CtClass`. It returns a `java.lang.Class` object representing the loaded class. For more details, please see [this section below](#toclass).

[Defining a new class](#)

To define a new class from scratch, `makeClass()` must be called on a `ClassPool`.

```
<ul><pre>
ClassPool pool = ClassPool.getDefault();
CtClass cc = pool.makeClass("Point");
</pre></ul>
```

This program defines a class `Point` including no members. Member methods of `Point` can be created with factory methods declared in `CtNewMethod` and appended to `Point` with `addMethod()` in `CtClass`.

`makeClass()` cannot create a new interface; `makeInterface()` in `ClassPool` can do. Member methods in an interface can be created with `abstractMethod()` in `CtNewMethod`. Note that an interface method is an abstract method.

[Frozen classes](#)

If a `CtClass` object is converted into a class file by

`writeFile()`, `toClass()`, or `toBytecode()`, Javassist freezes that `CtClass` object. Further modifications of that `CtClass` object are not permitted. This is for warning the developers when they attempt to modify a class file that has been already loaded since the JVM does not allow reloading a class.

A frozen `CtClass` can be defrost so that modifications of the class definition will be permitted. For example,

```
<ul><pre>
CtClass cc = ...;
:
cc.writeFile();
cc.defrost();
cc.setSuperclass(...); // OK since the class is not frozen.
</pre></ul>
```

After `defrost()` is called, the `CtClass` object can be modified again.

If `ClassPool.doPruning` is set to `true`, then Javassist prunes the data structure contained in a `CtClass` object when Javassist freezes that object. To reduce memory consumption, pruning discards unnecessary attributes (`attribute_info` structures) in that object. For example, `Code_attribute` structures (method bodies) are discarded. Thus, after a `CtClass` object is pruned, the bytecode of a method is not accessible except method names, signatures, and annotations. The pruned `CtClass` object cannot be defrost again. The default value of `ClassPool.doPruning` is `false`.

To disallow pruning a particular `CtClass`, `stopPruning()` must be called on that object in advance:

```
<ul><pre>
CtClass cc = ...;
cc.stopPruning(true);
:
cc.writeFile(); // convert to a class file.
// cc is not pruned.
</pre></ul>
```



The `CtClass` object `cc` is not pruned.  
Thus it can be defrosted after `writeFile()` is called.

**Note:**

While debugging, you might want to temporarily stop pruning and freezing and write a modified class file to a disk drive.

`debugWriteFile()` is a convenient method for that purpose. It stops pruning, writes a class file, defrosts it, and turns pruning on again (if it was initially on).

#### Class search path

The default `ClassPool` returned by a static method `ClassPool.getDefault()` searches the same path that the underlying JVM (Java virtual machine) has.  
*If a program is running on a web application server such as JBoss and Tomcat, the `ClassPool` object may not be able to find user classes since such a web application server uses multiple class loaders as well as the system class loader. In that case, an additional class path must be registered to the `ClassPool`. Suppose that `pool` refers to a `ClassPool` object:*

```
pool.insertClassPath(new ClassClassPath(this.getClass()));
```

This statement registers the class path that was used for loading the class of the object that `this` refers to.  
You can use any `Class` object as an argument instead of `this.getClass()`. The class path used for loading the class represented by that `Class` object is registered.

You can register a directory name as the class search path. For example, the following code adds a directory `/usr/local/javilib` to the search path:

```
ClassPool pool = ClassPool.getDefault();  
pool.insertClassPath("/usr/local/javilib");
```

<p>The search path that the users can add is not only a directory but also a URL:

```
<ul><pre>
ClassPool pool = ClassPool.getDefault();
ClassPath cp = new URLClassPath("www.javassist.org", 80, "/java/", "org.javassist.");
pool.insertClassPath(cp);
</pre></ul>
```

<p>This program adds "http://www.javassist.org:80/java/" to the class search path. This URL is used only for searching classes belonging to a package <code>org.javassist</code>. For example, to load a class <code>org.javassist.test.Main</code>, its class file will be obtained from:

```
<ul><pre>http://www.javassist.org:80/java/org/javassist/test/Main.class
</pre></ul>
```

<p>Furthermore, you can directly give a byte array to a <code>ClassPool</code> object and construct a <code>CtClass</code> object from that array. To do this, use <code>ByteArrayClassPath</code>. For example,

```
<ul><pre>
ClassPool cp = ClassPool.getDefault();
byte[] b = <em>a byte array</em>;
String name = <em>class name</em>;
cp.insertClassPath(new ByteArrayClassPath(name, b));
CtClass cc = cp.get(name);
</pre></ul>
```

<p>The obtained <code>CtClass</code> object represents a class defined by the class file specified by <code>b</code>. The <code>ClassPool</code> reads a class file from the given <code>ByteArrayClassPath</code> if <code>get()</code> is called and the class name given to <code>get()</code> is equal to one specified by <code>name</code>.

<p>If you do not know the fully-qualified name of the class, then you can use <code>makeClass()</code> in <code>ClassPool</code>:

```
<ul><pre>
ClassPool cp = ClassPool.getDefault();
InputStream ins = <em>an input stream for reading a class file</em>;
CtClass cc = cp.makeClass(ins);
</pre></ul>
```

`makeClass()` returns the `CtClass` object constructed from the given input stream. You can use `makeClass()` for eagerly feeding class files to the `ClassPool` object. This might improve performance if the search path includes a large jar file. Since a `ClassPool` object reads a class file on demand, it might repeatedly search the whole jar file for every class file. `makeClass()` can be used for optimizing this search. The `CtClass` constructed by `makeClass()` is kept in the `ClassPool` object and the class file is never read again.

The users can extend the class search path. They can define a new class implementing `ClassPath` interface and give an instance of that class to `insertClassPath()` in `ClassPool`. This allows a non-standard resource to be included in the search path.

`<br>`

`<a name="pool">`

`<h2>2. ClassPool</h2>`

`<p>`

A `ClassPool` object is a container of `CtClass` objects. Once a `CtClass` object is created, it is recorded in a `ClassPool` for ever. This is because a compiler may need to access the `CtClass` object later when it compiles source code that refers to the class represented by that `CtClass`.

`<p>`

For example, suppose that a new method `getter()` is added to a `CtClass` object representing `Point` class. Later, the program attempts to compile source code including a method call to `getter()` in `Point` and use the compiled code as the body of a method, which will be added to another class `Line`. If the `CtClass` object representing `Point` is lost, the compiler cannot compile the method call to `getter()`. Note that the original class definition does not include `getter()`. Therefore, to correctly compile such a method call, the `ClassPool` must contain all the instances of `CtClass` all the time of program execution.

<a name="avoidmemory">  
<h4>Avoid out of memory</h4>  
</a>

<p>

This specification of `ClassPool` may cause huge memory consumption if the number of `CtClass` objects becomes amazingly large (this rarely happens since Javassist tries to reduce memory consumption in [various ways](#frozenclasses)).

To avoid this problem, you can explicitly remove an unnecessary `CtClass` object from the `ClassPool`.

If you call `detach()` on a `CtClass` object, then that `CtClass` object is removed from the `ClassPool`. For example,

```
<ul><pre>  
CtClass cc = ... ;  
cc.writeFile();  
cc.detach();  
</pre></ul>
```

You must not call any method on that `CtClass` object after `detach()` is called. However, you can call `get()` on `ClassPool` to make a new instance of `CtClass` representing the same class. If you call `get()`, the `ClassPool` reads a class file again and newly creates a `CtClass` object, which is returned by `get()`.

<p>

Another idea is to occasionally replace a `ClassPool` with a new one and discard the old one. If an old `ClassPool` is garbage collected, the `CtClass` objects included in that `ClassPool` are also garbage collected.

To create a new instance of `ClassPool`, execute the following code

snippet:

```
<ul><pre>  
ClassPool cp = new ClassPool(true);  
// if needed, append an extra search path by appendClassPath()  
</pre></ul>
```

This creates a `ClassPool` object that behaves as the default `ClassPool` returned by `ClassPool.getDefault()` does.

Note that `ClassPool.getDefault()` is a singleton factory method

provided for convenience. It creates a `ClassPool` object in the same way shown above although it keeps a single instance of `ClassPool` and reuses it.

A `ClassPool` object returned by `getDefault()` does not have a special role. `getDefault()` is a convenience method.

Note that `new ClassPool(true)` is a convenient constructor, which constructs a `ClassPool` object and appends the system search path to it. Calling that constructor is equivalent to the following code:

```
ClassPool cp = new ClassPool();
cp.appendSystemPath(); //
or append another path by appendClassPath()
```

#### Cascaded ClassPools

If a program is running on a web application server, creating multiple instances of `ClassPool` might be necessary; an instance of `ClassPool` should be created for each class loader (i.e. container). The program should create a `ClassPool` object by not calling `getDefault()` but a constructor of `ClassPool`.

Multiple `ClassPool` objects can be cascaded like `java.lang.ClassLoader`. For example,

```
ClassPool parent = ClassPool.getDefault();
ClassPool child = new ClassPool(parent);
child.insertClassPath("./classes");
```

If `child.get()` is called, the child `ClassPool` first delegates to the parent `ClassPool`. If the parent `ClassPool` fails to find a class file, then the child `ClassPool` attempts to find a class file under the `./classes` directory.

If `child.childFirstLookup` is true, the child

`ClassPool` attempts to find a class file before delegating to the parent `ClassPool`. For example,

```
<ul><pre>
ClassPool parent = ClassPool.getDefault();
ClassPool child = new ClassPool(parent);
child.appendSystemPath();    // the same class path as the default one.
child.childFirstLookup = true; // changes the behavior of the child.
</pre></ul>
```

#### Changing a class name for defining a new class

A new class can be defined as a copy of an existing class. The program below does that:

```
<ul><pre>
ClassPool pool = ClassPool.getDefault();
CtClass cc = pool.get("Point");
cc.setName("Pair");
</pre></ul>
```

This program first obtains the `CtClass` object for class `Point`. Then it calls `setName()` to give a new name `Pair` to that `CtClass` object. After this call, all occurrences of the class name in the class definition represented by that `CtClass` object are changed from `Point` to `Pair`. The other part of the class definition does not change.

Note that `setName()` in `CtClass` changes a record in the `ClassPool` object. From the implementation viewpoint, a `ClassPool` object is a hash table of `CtClass` objects. `setName()` changes the key associated to the `CtClass` object in the hash table. The key is changed from the original class name to the new class name.

Therefore, if `get("Point")` is later called on the `ClassPool` object again, then it never returns the `CtClass` object that the variable `cc` refers to. The `ClassPool` object reads a class file `Point.class` again and it constructs a new `CtClass` object for class `Point`. This is because the `CtClass` object associated with the name `Point` does not exist any more.

See the followings:

```
<ul><pre>
ClassPool pool = ClassPool.getDefault();
CtClass cc = pool.get("Point");
CtClass cc1 = pool.get("Point"); // cc1 is identical to cc.
cc.setName("Pair");
CtClass cc2 = pool.get("Pair"); // cc2 is identical to cc.
CtClass cc3 = pool.get("Point"); // cc3 is not identical to cc.
</pre></ul>
```

<p><code>cc1</code> and <code>cc2</code> refer to the same instance of <code>CtClass</code> that <code>cc</code> does whereas <code>cc3</code> does not. Note that, after <code>cc.setName("Pair")</code> is executed, the <code>CtClass</code> object that <code>cc</code> and <code>cc1</code> refer to represents the <code>Pair</code> class.

<p>The <code>ClassPool</code> object is used to maintain one-to-one mapping between classes and <code>CtClass</code> objects. Javassist never allows two distinct <code>CtClass</code> objects to represent the same class unless two independent <code>ClassPool</code> are created.

This is a significant feature for consistent program transformation.

<p>To create another copy of the default instance of <code>ClassPool</code>, which is returned by <code>ClassPool.getDefault()</code>, execute the following code snippet (this code was already <a href="#avoidmemory">shown above</a>):

```
<ul><pre>
ClassPool cp = new ClassPool(true);
</pre></ul>
```

<p>If you have two <code>ClassPool</code> objects, then you can obtain, from each <code>ClassPool</code>, a distinct <code>CtClass</code> object representing the same class file. You can differently modify these <code>CtClass</code> objects to generate different versions of the class.

#### <h4>Renaming a frozen class for defining a new class</h4>

<p>Once a <code>CtClass</code> object is converted into a class file by <code>writeFile()</code> or <code>toBytecode()</code>, Javassist rejects further modifications of that <code>CtClass</code> object. Hence, after the <code>CtClass</code> object representing

`<code>Point</code>`

class is converted into a class file, you cannot define `<code>Pair</code>` class as a copy of `<code>Point</code>` since executing `<code>setName()</code>` on `<code>Point</code>` is rejected.

The following code snippet is wrong:

```
<ul><pre>
ClassPool pool = ClassPool.getDefault();
CtClass cc = pool.get("Point");
cc.writeFile();
cc.setName("Pair"); // wrong since writeFile() has been called.
</pre></ul>
```

`<p>`To avoid this restriction, you should call `<code>getAndRename()</code>` in `<code>ClassPool</code>`. For example,

```
<ul><pre>
ClassPool pool = ClassPool.getDefault();
CtClass cc = pool.get("Point");
cc.writeFile();
CtClass cc2 = pool.getAndRename("Point", "Pair");
</pre></ul>
```

`<p>`If `<code>getAndRename()</code>` is called, the `<code>ClassPool</code>` first reads `<code>Point.class</code>` for creating a new `<code>CtClass</code>` object representing `<code>Point</code>` class. However, it renames that `<code>CtClass</code>` object from `<code>Point</code>` to `<code>Pair</code>` before it

records that `<code>CtClass</code>` object in a hash table.

Thus `<code>getAndRename()</code>`

can be executed after `<code>writeFile()</code>` or `<code>toBytecode()</code>` is called on the the `<code>CtClass</code>` object representing `<code>Point</code>` class.

`<p><br>`

`<a name="load">`

`<h2>3. Class loader</h2>`

`<p>`If what classes must be modified is known in advance, the easiest way for modifying the classes is as follows:

- `<ul><li>`1. Get a `<code>CtClass</code>` object by calling `<code>ClassPool.get()</code>`,
  - `<li>`2. Modify it, and
  - `<li>`3. Call `<code>writeFile()</code>` or `<code>toBytecode()</code>` on that `<code>CtClass</code>` object to obtain a modified class file.
- `</ul>`



If whether a class is modified or not is determined at load time, the users must make Javassist collaborate with a class loader. Javassist can be used with a class loader so that bytecode can be modified at load time. The users of Javassist can define their own version of class loader but they can also use a class loader provided by Javassist.

[toClass](#)

3.1 The `toClass` method in `CtClass`

The `CtClass` provides a convenience method `toClass()`, which requests the context class loader for the current thread to load the class represented by the `CtClass` object. To call this method, the caller must have appropriate permission; otherwise, a `SecurityException` may be thrown.

The following program shows how to use `toClass()`:

```
public class Hello {
    public void say() {
        System.out.println("Hello");
    }
}

public class Test {
    public static void main(String[] args) throws Exception {
        ClassPool cp = ClassPool.getDefault();
        CtClass cc = cp.get("Hello");
        CtMethod m = cc.getDeclaredMethod("say");
        m.insertBefore("{ System.out.println(\"Hello.say():\"); }");
        Class c = cc.toClass();
        Hello h =
        (Hello)c.newInstance();
        h.say();
    }
}
```

`Test.main()` inserts a call to `println()` in the method body of `say()` in `Hello`. Then it constructs an instance of the modified `Hello` class

and calls `say()` on that instance.

Note that the program above depends on the fact that the `Hello` class is never loaded before `toClass()` is invoked. If not, the JVM would load the original `Hello` class before `toClass()` requests to load the modified `Hello` class. Hence loading the modified `Hello` class would be failed (`LinkageError` is thrown). For example, if `main()` in `Test` is something like this:

```
public static void main(String[] args) throws Exception {
    Hello orig = new Hello();
    ClassPool cp = ClassPool.getDefault();
    CtClass cc = cp.get("Hello");
    :
}
```

then the original `Hello` class is loaded at the first line of `main` and the call to `toClass()` throws an exception since the class loader cannot load two different versions of the `Hello` class at the same time.

If the program is running on some application server such as JBoss and Tomcat, the context class loader used by `toClass()` might be inappropriate. In this case, you would see an unexpected `ClassCastException`. To avoid this exception, you must explicitly give an appropriate class loader to `toClass()`. For example, if `bean` is your session bean object, then the following code:

```
CtClass cc = ...;
Class c = cc.toClass(bean.getClass().getClassLoader());
```

would work. You should give `toClass()` the class loader that has loaded your program (in the above example, the class of the `bean` object).

`toClass()` is provided for convenience. If you need more complex functionality, you should write your own class loader.

### 3.2 Class loading in Java

In Java, multiple class loaders can coexist and each class loader creates its own name space.

Different class loaders can load different class files with the same class name. The loaded two classes are regarded as different ones. This feature enables us to run multiple application programs on a single JVM even if these programs include different classes with the same name.

- 

**Note:** The JVM does not allow dynamically reloading a class. Once a class loader loads a class, it cannot reload a modified version of that class during runtime. Thus, you cannot alter the definition of a class after the JVM loads it.

However, the JPDA (Java Platform Debugger Architecture) provides limited ability for reloading a class.

See [Section 3.6](#).

If the same class file is loaded by two distinct class loaders, the

JVM makes two distinct classes with the same name and definition.

The two classes are regarded as different ones.

Since the two classes are not identical, an instance of one class is not assignable to a variable of the other class. The cast operation between the two classes fails and throws a `ClassCastException`.

For example, the following code snippet throws an exception:

- ```
MyClassLoader myLoader = new MyClassLoader();
Class clazz = myLoader.loadClass("Box");
Object obj = clazz.newInstance();
Box b = (Box)obj; // this always throws ClassCastException.
```

The `Box` class is loaded by two class loaders.

Suppose that a class loader CL loads a class including this code snippet.

Since this code snippet refers to `MyClassLoader`,

`Class`, `Object`, and `Box`,

CL also loads these classes (unless it delegates to another class loader).

Hence the type of the variable `b` is

the `Box`

class loaded by CL.

On the other hand, `myLoader` also loads the `Box`

class. The object `obj` is an instance of the `Box` class loaded by `myLoader`. Therefore, the last statement always throws a `ClassCastException` since the class of `obj` is a different version of the `Box` class from one used as the type of the variable `b`.

Multiple class loaders form a tree structure.

Each class loader except the bootstrap loader has a parent class loader, which has normally loaded the class of that child class loader. Since the request to load a class can be delegated along this hierarchy of class loaders, a class may be loaded by a class loader that you do not request the class loading.

Therefore, the class loader that has been requested to load a class C may be different from the loader that actually loads the class C.

For distinction, we call the former loader *the initiator of C* and we call the latter loader *the real loader of C*.

Furthermore, if a class loader CL requested to load a class C (the initiator of C) delegates to the parent class loader PL, then the class loader CL is never requested to load any classes referred to in the definition of the class C.

CL is not the initiator of those classes.

Instead, the parent class loader PL becomes their initiators and it is requested to load them.

*The classes that the definition of a class C refers to are loaded by the real loader of C.*

To understand this behavior, let's consider the following example.

```
public class Point { // loaded by PL
    private int x, y;
    public int getX() { return x; }
    :
}

public class Box { // the initiator is L but the real loader is PL
    private Point upperLeft, size;
    public int getBaseX() { return upperLeft.x; }
    :
}

public class Window { // loaded by a class loader L
    private Box box;
```

```
public int getBaseX() { return box.getBaseX(); }
}
```

Suppose that a class `Window` is loaded by a class loader L. Both the initiator and the real loader of `Window` are L. Since the definition of `Window` refers to `Box`, the JVM will request L to load `Box`. Here, suppose that L delegates this task to the parent class loader PL. The initiator of `Box` is L but the real loader is PL. In this case, the initiator of `Point` is not L but PL since it is the same as the real loader of `Box`. Thus L is never requested to load `Point`.

Next, let's consider a slightly modified example.

```
public class Point {
    private int x, y;
    public int getX() { return x; }
    :
}

public class Box { // the initiator is L but the real loader is PL
    private Point upperLeft, size;
    public Point getSize() { return size; }
    :
}

public class Window { //
    loaded by a class loader L
    private Box box;
    public boolean widthIs(int w) {
        Point p = box.getSize();
        return w == p.getX();
    }
}
```

Now, the definition of `Window` also refers to `Point`. In this case, the class loader L must also delegate to PL if it is requested to load `Point`. You must avoid having two class loaders doubly load the same class. One of the two loaders must delegate to the other.

If L does not delegate to PL when `Point` is loaded, `widthIs()` would throw a `ClassCastException`. Since the real loader of `Box` is PL,

`Point` referred to in `Box` is also loaded by PL. Therefore, the resulting value of `getSize()` is an instance of `Point` loaded by PL whereas the type of the variable `p` in `widthIs()` is `Point` loaded by L. The JVM regards them as distinct types and thus it throws an exception because of type mismatch.

This behavior is somewhat inconvenient but necessary. If the following statement:

```
Point p = box.getSize();
```

did not throw an exception, then the programmer of `Window` could break the encapsulation of `Point` objects. For example, the field `x` is private in `Point` loaded by PL. However, the `Window` class could directly access the value of `x` if L loads `Point` with the following definition:

```
public class Point {
    public int x, y; // not private
    public int getX() { return x; }
    :
}
```

For more details of class loaders in Java, the following paper would be helpful:

Sheng Liang and Gilad Bracha,  
"Dynamic Class Loading in the Java Virtual Machine",  
*ACM OOPSLA'98*, pp.36-44, 1998.

### 3.3 Using `Javassist.Loader`

Javassist provides a class loader `Javassist.Loader`.

This class loader uses a `javassist.ClassPool` object for reading a class file.

For example, `javassist.Loader` can be used for loading a particular class modified with Javassist.

```
import javassist.*;
import test.Rectangle;

public class Main {
    public static void main(String[] args) throws Throwable {
        ClassPool pool = ClassPool.getDefault();
        Loader cl = new Loader(pool);

        CtClass ct = pool.get("test.Rectangle");
        ct.setSuperclass(pool.get("test.Point"));

        Class c = cl.loadClass("test.Rectangle");
        Object rect = c.newInstance();
        :
    }
}
```

This program modifies a class `test.Rectangle`. The superclass of `test.Rectangle` is set to a `test.Point` class. Then this program loads the modified class, and creates a new instance of the `test.Rectangle` class.

If the users want to modify a class on demand when it is loaded, the users can add an event listener to a `javassist.Loader`. The added event listener is notified when the class loader loads a class. The event-listener class must implement the following interface:

```
public interface Translator {
    public void start(ClassPool pool)
        throws NotFoundException, CannotCompileException;
    public void onLoad(ClassPool pool, String classname)
        throws NotFoundException, CannotCompileException;
}
```

The method `start()` is called when this event listener is added to a `javassist.Loader` object by `addTranslator()` in `javassist.Loader`. The

method `onLoad()` is called before `javassist.Loader` loads a class. `onLoad()` can modify the definition of the loaded class.

For example, the following event listener changes all classes to public classes just before they are loaded.

```
public class MyTranslator implements Translator {

    void start(ClassPool pool)
        throws NotFoundException, CannotCompileException {}
    void onLoad(ClassPool pool, String classname)
        throws NotFoundException, CannotCompileException
    {
        CtClass cc = pool.get(classname);
        cc.setModifiers(Modifier.PUBLIC);
    }
}
```

Note that `onLoad()` does not have to call `toBytecode()` or `writeFile()` since `javassist.Loader` calls these methods to obtain a class file.

To run an application class `MyApp` with a `MyTranslator` object, write a main class as following:

```
import javassist.*;

public class Main2 {
    public static void main(String[] args) throws Throwable {
        Translator t = new MyTranslator();
        ClassPool pool = ClassPool.getDefault();
        Loader cl = new Loader();
        cl.addTranslator(pool, t);
        cl.run("MyApp", args);
    }
}
```

To run this program, do:

```
% java Main2 <i>arg1</i> <i>arg2</i>...
</pre>
```

The



class `MyApp` and the other application classes are translated by `MyTranslator`.

Note that application classes like `MyApp` cannot access the loader classes such as `Main2`, `MyTranslator`, and `ClassPool` because they are loaded by different loaders. The application classes are loaded by `javassist.Loader` whereas the loader classes such as `Main2` are by the default Java class loader.

`javassist.Loader` searches for classes in a different order from `java.lang.ClassLoader`.

`ClassLoader` first delegates the loading operations to the parent class loader and then attempts to load the classes only if the parent class loader cannot find them.

On the other hand,

`javassist.Loader` attempts to load the classes before delegating to the parent class loader.

It delegates only if:

- the classes are not found by calling `get()` on a `ClassPool` object, or

- the classes have been specified by using `delegateLoadingOf()` to be loaded by the parent class loader.

This search order allows loading modified classes by Javassist. However, it delegates to the parent class loader if it fails to find modified classes for some reason. Once a class is loaded by the parent class loader, the other classes referred to in that class will be also loaded by the parent class loader and thus they are never modified. Recall that all the classes referred to in a class C are loaded by the real loader of C.

If your program fails to load a modified class, you should make sure whether all the classes using that class have been loaded by `javassist.Loader`.

### 3.4 Writing a class loader

A simple class loader using Javassist is as follows:

```
import javassist.*;
```

```

public class SampleLoader extends ClassLoader {
    /*
    Call MyApp.main().
    */
    public static void main(String[] args) throws Throwable {
        SampleLoader s = new SampleLoader();
        Class c = s.loadClass("MyApp");
        c.getDeclaredMethod("main", new Class[] { String[].class })
            .invoke(null, new Object[] { args });
    }

    private ClassPool pool;

    public SampleLoader() throws NotFoundException {
        pool = new ClassPool();
        pool.insertClassPath("./class"); // <em>MyApp.class must be there.</em>
    }

    /* Finds a specified class.
    * The bytecode for that class can be modified.
    */
    protected Class findClass(String name) throws ClassNotFoundException {
        try {
            CtClass cc = pool.get(name);
            // <em>modify the CtClass object here</em>
            byte[] b = cc.toBytecode();
            return defineClass(name, b, 0, b.length);
        } catch (NotFoundException e) {
            throw new ClassNotFoundException();
        } catch (IOException e) {
            throw new ClassNotFoundException();
        } catch (CannotCompileException e) {
            throw new ClassNotFoundException();
        }
    }
}
}

```

The class `MyApp` is an application program. To execute this program, first put the class file under the `./class` directory, which must *not* be included in the class search path. Otherwise, `MyApp.class` would be loaded by the default system class loader, which is the parent loader of `SampleLoader`. The directory name `./class` is specified by `insertClassPath()` in the constructor. You can choose a different name instead of `./class` if you want. Then do as follows:

<ul><code>% java SampleLoader</code></ul>

<p>The class loader loads the class <code>MyApp</code> (<code>./class/MyApp.class</code>) and calls <code>MyApp.main()</code> with the command line parameters.

<p>This is the simplest way of using Javassist. However, if you write a more complex class loader, you may need detailed knowledge of Java's class loading mechanism. For example, the program above puts the <code>MyApp</code> class in a name space separated from the name space that the class <code>SampleLoader</code> belongs to because the two classes are loaded by different class loaders. Hence, the <code>MyApp</code> class cannot directly access the class <code>SampleLoader</code>.

<p><br>

### <h3>3.5 Modifying a system class</h3>

<p>The system classes like <code>java.lang.String</code> cannot be loaded by a class loader other than the system class loader. Therefore, <code>SampleLoader</code> or <code>javassist.Loader</code> shown above cannot modify the system classes at loading time.

<p>If your application needs to do that, the system classes must be <em>statically</em> modified. For example, the following program adds a new field <code>hiddenValue</code> to <code>java.lang.String</code>:

```
<ul><pre>ClassPool pool = ClassPool.getDefault();
CtClass
cc = pool.get("java.lang.String");
CtField f = new CtField(CtClass.intType, "hiddenValue", cc);
f.setModifiers(Modifier.PUBLIC);
cc.addField(f);
cc.writeFile(".");</pre></ul>
```

<p>This program produces a file <code>./java/lang/String.class</code>.

<p>To run your program <code>MyApp</code> with this modified <code>String</code> class, do as follows:

```
<ul><pre>
% java -Xbootclasspath/p:. MyApp <i>arg1</i> <i>arg2</i>...
</pre></ul>
```

<p>Suppose that the definition of <code>MyApp</code> is as follows:

```
<ul><pre>public class MyApp {
    public static void main(String[] args) throws Exception {
        System.out.println(String.class.getField("hiddenValue").getName());
    }
}</pre></ul>
```

<p>If the modified <code>String</code> class is correctly loaded, <code>MyApp</code> prints <code>hiddenValue</code>.

<p><i>Note: Applications that use this technique for the purpose of overriding a system class in <code>rt.jar</code> should not be deployed as doing so would contravene the Java 2 Runtime Environment binary code license.</i>

<p><br>

<a name="hotswap">  
<h3>3.6 Reloading a class at runtime</h3></a>

<p>If the JVM is launched with the JPDA (Java Platform Debugger Architecture) enabled, a class is dynamically reloadable. After the JVM loads a class, the old version of the class definition can be unloaded and a new one can be reloaded again. That is, the definition of that class can be dynamically modified during runtime. However, the new class definition must be somewhat compatible to the old one. <em>The JVM does not allow schema changes between the two versions.</em> They have the same set of methods and fields.

<p>Javassist provides a convenient class for reloading a class at runtime. For more information, see the API documentation of <code>javassist.util.HotSwapper</code>.

<p><br>

<a href="tutorial2.html">Next page</a>

<hr>  
Java(TM) is a trademark of Sun Microsystems, Inc.<br>Copyright (C) 2000-2015 by Shigeru Chiba, All rights reserved.  
</body>  
</html>

Found  
in path(s):  
\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-

master/tutorial/tutorial.html

No license file was found, but licenses were detected in source scan.

```
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
  <title>Javassist Tutorial</title>
  <link rel="stylesheet" type="text/css" href="brown.css">
</head>

<body>

<div align="right">Getting Started with Javassist</div>

<div align="left"><a href="tutorial.html">Previous page</a></div>
<div align="right"><a href="tutorial3.html">Next page</a></div>

<p>
<a href="#intro">4. Introspection and customization</a>
<ul>
<li><a href="#before">Inserting source text at the beginning/end of a method body</a>
<br><li><a href="#alter">Altering a method body</a>
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<br><li><a href="#import">Import</a>
<br><li><a href="#limit">Limitations</a>
</ul>

<p><br>

<a name="intro">
<h2>4. Introspection and customization</h2>

<p><code>CtClass</code>
  provides methods for introspection. The
  introspective ability of Javassist is compatible with that of
  the Java reflection API. <code>CtClass</code> provides
  <code>getName()</code>, <code>getSuperclass()</code>,
  <code>getMethods()</code>, and so on.
  <code>CtClass</code> also provides methods for modifying a class
  definition. It allows to add a new field, constructor, and method.
  Instrumenting a method body is also possible.

<p>
  Methods are represented by <code>CtMethod</code> objects.
  <code>CtMethod</code> provides several methods for modifying
  the definition of the method. Note that if a method is inherited
```

from a super class, then  
the same `CtMethod` object  
that represents the inherited method represents the method declared  
in that super class.  
A `CtMethod` object corresponds to every method declaration.

<p>

For example, if class `Point` declares method `move()`  
and a subclass `ColorPoint` of `Point` does  
not

override `move()`, the two `move()` methods  
declared in `Point` and inherited in `ColorPoint`  
are represented by the identical `CtMethod` object.

If the method definition represented by this  
`CtMethod` object is modified, the modification is  
reflected on both the methods.

If you want to modify only the `move()` method in  
`ColorPoint`, you first have to add to `ColorPoint`  
a copy of the `CtMethod` object representing `move()`  
in `Point`. A copy of the `CtMethod` object  
can be obtained by `CtNewMethod.copy()`.

<p><hr width="40%">

<ul>

Javassist does not allow to remove a method or field, but it allows  
to change the name. So if a method is not necessary any more, it should be  
renamed and changed to be a private method by calling  
`setName()`  
and `setModifiers()` declared in `CtMethod`.

<p>Javassist

does not allow to add an extra parameter to an existing  
method, either. Instead of doing that, a new method receiving the  
extra parameter as well as the other parameters should be added to the  
same class. For example, if you want to add an extra `int`  
parameter `newZ` to a method:

<ul><pre>void move(int newX, int newY) { x = newX; y = newY; }</pre></ul>

<p>in a `Point` class, then you should add the following  
method to the `Point` class:

<ul><pre>void move(int newX, int newY, int newZ) {  
 // do what you want with newZ.  
 move(newX, newY);  
}</pre></ul>

</ul>

<p><hr width="40%">

<p>Javassist also provides low-level API for directly editing a raw class file. For example, `getClassFile()` in `CtClass` returns a `ClassFile` object representing a raw class file. `getMethodInfo()` in `CtMethod` returns a `MethodInfo` object representing a `method_info` structure included in a class file. The low-level API uses the vocabulary from the Java Virtual machine specification. The users must have the knowledge about class files and bytecode. For more details, the users should see the [<code>javassist.bytecode</code> package</a>.](tutorial3.html#intro)

<p>The class files modified by Javassist requires the `javassist.runtime` package for runtime support only if some special identifiers starting with `$` are used. Those special identifiers are described below. The class files modified without those special identifiers do not need the `javassist.runtime` package or any other Javassist packages at runtime. For more details, see the API documentation of the `javassist.runtime` package.

<p><br>

<a name="before">

<h3>4.1 Inserting source text at the beginning/end of a method body</h3>

<p><code>CtMethod</code> and <code>CtConstructor</code> provide methods `insertBefore()`, `insertAfter()`, and `addCatch()`. They are used for inserting a code fragment into the body of an existing method. The users can specify those code fragments with *source text* written in Java. Javassist includes a simple Java compiler for processing source text. It receives source text written in Java and compiles it into Java bytecode, which will be *inlined* into a method body.

<p>

Inserting a code fragment at the position specified by a line number is also possible (if the line number table is contained in the class file). `insertAt()` in `CtMethod` and

`CtConstructor` takes source text and a line number in the source file of the original class definition.

It compiles the source text and inserts the compiled code at the line number.

The methods `insertBefore()`, `insertAfter()`, `addCatch()`, and `insertAt()`

receive a `String` object representing a statement

or a block. A statement is a single control structure like `if` and `while` or an expression ending with a semi colon (`;`). A block is a set of statements surrounded with braces `{ }`.

Hence each of the following lines is an example of valid statement or block:

```
System.out.println("Hello");
{ System.out.println("Hello"); }
if (i < 0) { i = -i; }

```

The statement and the block can refer to fields and methods.

They can also refer to the parameters to the method that they are inserted into

if that method was compiled with the `-g` option (to include a local variable attribute in the class file).

Otherwise, they must access the method parameters through the special variables `$0`, `$1`, `$2`, ... described below.

Accessing local variables declared in the method is not allowed although declaring a new local variable in the block is allowed.

However, `insertAt()` allows the statement and the block

to access local variables

if these variables are available at the specified line number

and the target method was compiled with the `-g` option.

!--

|  |
|--|
|  |
|--|

|  |
|--|
|  |
|--|

**Tip:**

Local variables are not accessible.

-->

The `String` object passed to the methods

`insertBefore()`, `insertAfter()`,

`addCatch()`, and `insertAt()` are compiled by



the compiler included in Javassist.

Since the compiler supports language extensions, several identifiers starting with `$` have special meaning:

|                                                                            |                                                                                                          |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <code>\$0</code> , <code>\$1</code> , <code>\$2</code> , ... &nbsp; &nbsp; |                                                                                                          |
| <code>this</code> and actual parameters                                    |                                                                                                          |
| <code>\$args</code>                                                        | An array of parameters.<br>The type of <code>\$args</code> is <code>Object[]</code> .                    |
| <code>\$\$</code>                                                          | All actual parameters.<br>For example, <code>m(\$\$)</code> is equivalent to <code>m(\$1,\$2,...)</code> |
| &nbsp;                                                                     |                                                                                                          |
| <code>\$cflow</code> ...                                                   | <code>cflow</code> variable                                                                              |
| <code>\$r</code>                                                           | The result type. It is used in a cast expression.                                                        |
| <code>\$w</code>                                                           | The wrapper type. It is used in a cast expression.                                                       |
| <code>\$_</code>                                                           | The resulting value                                                                                      |

```
<tr>
<td><code>$sig</code></td>
<td>An array of <code>java.lang.Class</code> objects representing
the formal parameter types.
</td>
</tr>
```

```
<tr>
<td><code>$type</code></td>
<td>A <code>java.lang.Class</code> object representing
the formal result type.</td>
</tr>
```

```
<tr>
<td><code>$class</code></td>
<td>A <code>java.lang.Class</code> object representing
the class currently edited.</td>
</tr>
```

```
</table>
</ul>
```

```
<h4>$0, $1, $2, ...</h4>
```

<p>The parameters passed to the target method are accessible with <code>\$1</code>, <code>\$2</code>, ... instead of the original parameter names. <code>\$1</code> represents the first parameter, <code>\$2</code> represents the second parameter, and so on. The types of those variables are identical to the parameter types. <code>\$0</code> is equivalent to <code>this</code>. If the method is static, <code>\$0</code> is not available.

<p>These variables are used as following. Suppose that a class <code>Point</code>:

```
<pre><ul>class Point {
  int x, y;
  void move(int dx, int dy) { x += dx; y += dy; }
}</ul></pre>
```

<p>To print the values of <code>dx</code> and <code>dy</code> whenever the method <code>move()</code> is called, execute this

program:

```
ClassPool pool = ClassPool.getDefault();
CtClass cc = pool.get("Point");
CtMethod m = cc.getDeclaredMethod("move");
m.insertBefore("{ System.out.println($1); System.out.println($2); }");
cc.writeFile();
```

Note that the source text passed to `insertBefore()` is surrounded with braces `{}`. `insertBefore()` accepts only a single statement or a block surrounded with braces.

The definition of the class `Point` after the modification is like this:

```
class Point {
    int x, y;
    void move(int dx, int dy) {
        { System.out.println(dx); System.out.println(dy); }
        x += dx; y += dy;
    }
}
```

`$1` and `$2` are replaced with `dx` and `dy`, respectively.

`$1`, `$2`, `$3` ... are updatable. If a new value is assigned to one of those variables, then the value of the parameter represented by that variable is also updated.

#### `$args`

The variable `$args` represents an array of all the parameters. The type of that variable is an array of class `Object`. If a parameter type is a primitive type such as `int`, then the parameter value is converted into a wrapper object such as `java.lang.Integer` to store in `$args`. Thus, `$args[0]` is equivalent to `$1` unless the type of the first parameter is a primitive type. Note that `$args[0]` is not equivalent to `$0`; `$0` represents `this`.

If an array of `Object` is assigned to `$args`, then each element of that array is assigned to each parameter. If a parameter type is a primitive type, the type of the corresponding element must be a wrapper type. The value is converted from the wrapper type to the primitive type before it is assigned to the parameter.

#### `$$`

The variable `$$` is abbreviation of a list of all the parameters separated by commas. For example, if the number of the parameters to method `move()` is three, then

- ```
move($$)
```

is equivalent to this:

- ```
move($1, $2, $3)
```

If `move()` does not take any parameters, then `move($$)` is equivalent to `move()`.

`$$` can be used with another method. If you write an expression:

- ```
exMove($$, context)
```

then this expression is equivalent to:

- ```
exMove($1, $2, $3, context)
```

Note that `$$` enables generic notation of method call with respect to the number of parameters. It is typically used with `$proceed` shown later.

#### `$cflow`

`$cflow` means "control flow". This read-only variable returns the depth of the recursive calls to a specific method.

Suppose that the method shown below is represented by a `CtMethod` object `cm`:

```
<ul><pre>int fact(int n) {
    if (n <= 1)
        return n;
    else
        return n * fact(n - 1);
}</pre></ul>
```

<p>To use <code>\$cflow</code>, first declare that <code>\$cflow</code> is used for monitoring calls to the method <code>fact()</code>:

```
<ul><pre>CtMethod cm = ...;
cm.useCflow("fact");</pre></ul>
```

<p>The parameter to <code>useCflow()</code> is the identifier of the declared <code>\$cflow</code> variable. Any valid Java name can be used as the identifier. Since the identifier can also include <code>.</code> (dot), for example, <code>"my.Test.fact"</code> is a valid identifier.

<p>Then, <code>\$cflow(fact)</code> represents the depth of the recursive calls to the method specified by <code>cm</code>. The value of <code>\$cflow(fact)</code> is 0 (zero) when the method is first called whereas it is 1 when the method is recursively called within the method. For example,

```
<ul><pre>
cm.insertBefore("if ($cflow(fact) == 0)"
    + "    System.out.println(\"fact \" + $1);");
</pre></ul>
```

<p>translates the method <code>fact()</code> so that it shows the parameter. Since the value of <code>\$cflow(fact)</code> is checked, the method <code>fact()</code> does not show the parameter if it is recursively called within <code>fact()</code>.

<p>The value of <code>\$cflow</code> is the number of stack frames associated with the specified method <code>cm</code> under the current topmost stack frame for the current thread. <code>\$cflow</code> is also accessible within a method different from the specified method <code>cm</code>.

<h4>\$r</h4>

<p><code>\$r</code> represents the result type (return type) of the method. It must be used as the cast type in a cast expression.

For example, this is a typical use:

```
Object result = ... ;
$_ = ($r)result;
```

If the result type is a primitive type, then `($r)` follows special semantics. First, if the operand type of the cast expression is a primitive type, `($r)` works as a normal cast operator to the result type.

On the other hand, if the operand type is a wrapper type, `($r)` converts from the wrapper type to the result type. For example, if the result type is `int`, then `($r)` converts from `java.lang.Integer` to `int`.

If the result type is `void`, then `($r)` does not convert a type; it does nothing. However, if the operand is a call to a `void` method, then `($r)` results in `null`. For example, if the result type is `void` and `foo()` is a `void` method, then

```
$_ = ($r)foo();
```

is a valid statement.

The cast operator `($r)` is also useful in a `return` statement. Even if the result type is `void`, the following `return` statement is valid:

```
return ($r)result;
```

Here, `result` is some local variable. Since `($r)` is specified, the resulting value is discarded.

This `return` statement is regarded as the equivalent of the `return` statement without a resulting value:

```
return;
```

#### `$w`

`$w` represents a wrapper type.

It must be used as the cast type in a cast expression. `($w)` converts from a primitive type to the corresponding wrapper type.

The following code is an example:

```
<ul><pre>Integer i = ($w)5;</pre></ul>
```

<p>The selected wrapper type depends on the type of the expression following <code>(\$w)</code>. If the type of the expression is <code>double</code>, then the wrapper type is <code>java.lang.Double</code>.

<p>If the type of the expression following <code>(\$w)</code> is not a primitive type, then <code>(\$w)</code> does nothing.

#### <h4>\$\_</h4>

<p><code>insertAfter()</code> in <code>CtMethod</code> and <code>CtConstructor</code> inserts the compiled code at the end of the method. In the statement given to <code>insertAfter()</code>, not only the variables shown above such as <code>\$0</code>, <code>\$1</code>, ... but also <code>\$\_</code> is available.

<p>The variable <code>\$\_</code> represents the resulting value of the method.

The type of that variable is the type of the result type (the return type) of the method. If the result type is <code>void</code>, then the type of <code>\$\_</code> is <code>Object</code> and the value of <code>\$\_</code> is <code>null</code>.

<p>Although the compiled code inserted by <code>insertAfter()</code> is executed just before the control normally returns from the method, it can be also executed when an exception is thrown from the method. To execute it when an exception is thrown, the second parameter <code>asFinally</code> to <code>insertAfter()</code> must be <code>true</code>.

<p>If an exception is thrown, the compiled code inserted by <code>insertAfter()</code> is executed as a <code>finally</code> clause. The value of <code>\$\_</code> is <code>0</code> or <code>null</code> in the compiled code. After the execution of the compiled code terminates, the exception originally thrown is re-thrown to the caller. Note that the value of <code>\$\_</code> is never thrown to the caller; it is rather discarded.

#### <h4>\$sig</h4>

<p>The value of <code>\$sig</code> is an array of

`java.lang.Class` objects that represent the formal parameter types in declaration order.

#### `$type`

The value of `$type` is an `java.lang.Class` object representing the formal type of the result value. This variable refers to `Void.class` if this is a constructor.

#### `$class`

The value of `$class` is an `java.lang.Class` object representing the class in which the edited method is declared. This represents the type of `$0`.

#### `addCatch()`

`addCatch()` inserts a code fragment into a method body so that the code fragment is executed when the method body throws an exception and the control returns to the caller. In the source text representing the inserted code fragment, the exception value is referred to with the special variable `$e`.

For example, this program:

```
CtMethod m = ...;
CtClass etype = ClassPool.getDefault().get("java.io.IOException");
m.addCatch("{ System.out.println($e); throw $e; }", etype);
```

translates the method body represented by `m` into something like this:

```
try {
    <em>the original method body</em>
}
catch (java.io.IOException e) {
    System.out.println(e);
    throw e;
}
```

Note that the inserted code fragment must end with a `throw` or `return` statement.



<p><br>

<a name="alter">

<h3>4.2 Altering a method body</h3>

<p><code>CtMethod</code> and <code>CtConstructor</code> provide <code>setBody()</code> for substituting a whole method body. They compile the given source text into Java bytecode and substitutes it for the original method body. If the given source text is <code>>null</code>, the substituted body includes only a <code>return</code> statement, which returns zero or null unless the result type is <code>void</code>.

<p>In the source text given to <code>setBody()</code>, the identifiers starting with <code>\$</code> have special meaning

<ul><table border=0>

<tr>

<td><code>\$0</code>, <code>\$1</code>, <code>\$2</code>, ... &nbsp; &nbsp;</td>

<td><code>this</code> and actual parameters</td>

</tr>

<tr>

<td><code>\$args</code></td>

<td>An array of parameters.

The type of <code>\$args</code> is <code>Object[]</code>.

</td>

</tr>

<tr>

<td><code>\$\$</code></td>

<td>All actual parameters.<br>

</tr>

<tr>

<td><code>\$cflow(</code>...<code>)</code></td>

<td><code>cflow</code> variable</td>

</tr>

<tr>

<td><code>\$r</code></td>

<td>The result type. It is used in a cast expression.</td>

</tr>

<tr>

<td><code>\$w</code></td>

<td>The wrapper type. It is used in a cast expression.</td>

</tr>

<tr>

<td><code>\$sig</code></td>

<td>An array of <code>java.lang.Class</code> objects representing the formal parameter types.

</td>

</tr>

<tr>

<td><code>\$type</code></td>

<td>A <code>java.lang.Class</code> object representing the formal result type.</td>

</tr>

<tr>

<td><code>\$class</code></td>

<td rowspan=2>A <code>java.lang.Class</code> object representing the class that declares the method<br>currently edited (the type of \$0).</td>

</tr>

<tr><td>&nbsp;</td></tr>

</table>

</ul>

Note that <code>\$\_</code> is not available.

#### <h4>Substituting source text for an existing expression</h4>

<p>Javassist allows modifying only an expression included in a method body.

<code>javassist.expr.ExprEditor</code> is a class

for replacing an expression in a method body.

The users can define a subclass of <code>ExprEditor</code>

to specify how an expression is modified.

<p>To run an <code>ExprEditor</code> object, the users must

call <code>instrument()</code> in <code>CtMethod</code> or

<code>CtClass</code>.

For example,

<ul><pre>

CtMethod cm = ... ;

cm.instrument(

new ExprEditor() {

```

public void edit(MethodCall m)
    throws CannotCompileException
{

    if (m.getClassName().equals("Point")
        && m.getMethodName().equals("move"))
        m.replace("{ $1 = 0; $_ = $proceed($$); }");
    }
});

```

searches the method body represented by `cm` and replaces all calls to `move()` in class `Point` with a block:

```

{ $1 = 0; $_ = $proceed($$); }

```

so that the first parameter to `move()` is always 0. Note that the substituted code is not an expression but a statement or a block. It cannot be or contain a try-catch statement.

The method `instrument()` searches a method body. If it finds an expression such as a method call, field access, and object creation, then it calls `edit()` on the given `ExprEditor` object. The parameter to `edit()` is an object representing the found expression. The `edit()` method can inspect and replace the expression through that object.

#### Calling

`replace()` on the parameter to `edit()` substitutes the given statement or block for the expression. If the given block is an empty block, that is, if `replace("{}")` is executed, then the expression is removed from the method body.

If you want to insert a statement (or a block) before/after the expression, a block like the following should be passed to `replace()`:

```


```

{ before-statements;
  $_ = $proceed($$);
  after-statements; }

```


```

whichever the expression is either a method call, field access, object creation, or others. The second statement could be:

<ul><pre>\$\_ = \$proceed();</pre></ul>

<p>if the expression is read access, or

<ul><pre>\$proceed(\$\$);</pre></ul>

<p>if the expression is write access.

<p>Local variables available in the target expression is also available in the source text passed to <code>replace()</code> if the method searched by <code>instrument()</code> was compiled with the -g option (the class file includes a local variable attribute).

#### <h4>javassist.expr.MethodCall</h4>

<p>A <code>MethodCall</code> object represents a method call. The method <code>replace()</code> in <code>MethodCall</code> substitutes a statement or a block for the method call.

It receives source text representing the substituted statement or block, in which the identifiers starting with <code>\$</code> have special meaning as in the source text passed to <code>insertBefore()</code>.

<ul><table border=0>

<tr>

<td><code>\$0</code></td>

<td rowspan=3>

The target object of the method call.<br>

This is not equivalent to <code>this</code>, which represents the caller-side <code>this</code> object.<br>

<code>\$0</code> is <code>null</code> if the method is static.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr><td>&nbsp;</td></tr>

<tr>

<td><code>\$1</code>, <code>\$2</code>, ... &nbsp;&nbsp;</td>

<td>

The parameters of the method call.

</td>

</tr>

|                                                                                                      |                                                                                                                         |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <code>&lt;tr&gt;&lt;td&gt;</code>                                                                    | <code>&lt;code&gt;\$_&lt;/code&gt;&lt;/td&gt;</code>                                                                    |
| <code>&lt;td&gt;</code>                                                                              | The resulting value of the method call.</td>                                                                            |
| <code>&lt;/tr&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;tr&gt;&lt;td&gt;&lt;code&gt;\$r&lt;/code&gt;&lt;/td&gt;</code>                             | <code>&lt;/td&gt;</code>                                                                                                |
| <code>&lt;td&gt;</code>                                                                              | The result type of the method call.</td>                                                                                |
| <code>&lt;/tr&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;tr&gt;&lt;td&gt;&lt;code&gt;\$class&lt;/code&gt; &amp;nbsp; &amp;nbsp;&lt;/td&gt;</code>   | <code>&lt;/td&gt;</code>                                                                                                |
| <code>&lt;td&gt;</code>                                                                              | A <code>&lt;code&gt;java.lang.Class&lt;/code&gt;</code> object representing the class declaring the method.</td>        |
| <code>&lt;/td&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;/tr&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;tr&gt;&lt;td&gt;&lt;code&gt;\$sig&lt;/code&gt; &amp;nbsp; &amp;nbsp;&lt;/td&gt;</code>     | <code>&lt;/td&gt;</code>                                                                                                |
| <code>&lt;td&gt;</code>                                                                              | An array of <code>&lt;code&gt;java.lang.Class&lt;/code&gt;</code> objects representing the formal parameter types.</td> |
| <code>&lt;/td&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;/tr&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;tr&gt;&lt;td&gt;&lt;code&gt;\$type&lt;/code&gt; &amp;nbsp; &amp;nbsp;&lt;/td&gt;</code>    | <code>&lt;/td&gt;</code>                                                                                                |
| <code>&lt;td&gt;</code>                                                                              | A <code>&lt;code&gt;java.lang.Class&lt;/code&gt;</code> object representing the formal result type.</td>                |
| <code>&lt;/td&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;/tr&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;tr&gt;&lt;td&gt;&lt;code&gt;\$proceed&lt;/code&gt; &amp;nbsp; &amp;nbsp;&lt;/td&gt;</code> | <code>&lt;/td&gt;</code>                                                                                                |
| <code>&lt;td&gt;</code>                                                                              | The name of the method originally called in the expression.</td>                                                        |
| <code>&lt;/td&gt;</code>                                                                             |                                                                                                                         |
| <code>&lt;/tr&gt;</code>                                                                             |                                                                                                                         |

Here the method call means the one represented by the `MethodCall` object.

The other identifiers such as `$w`, `$args` and `$$` are also available.

Unless the result type of the method call is `void`, a value must be assigned to `$_` in the source text and the type of `$_` is the result type. If the result type is `void`, the type of `$_` is `Object` and the value assigned to `$_`

is ignored.

`$proceed` is not a `String` value but special syntax. It must be followed by an argument list surrounded by parentheses `()`.

#### javassist.expr.ConstructorCall

A `ConstructorCall` object represents a constructor call such as `this()` and `super` included in a constructor body.

The method `replace()` in `ConstructorCall` substitutes a statement or a block for the constructor call.

It receives source text representing the substituted statement or block, in which the identifiers starting with `$` have special meaning as in the source text passed to `insertBefore()`.

|                  |
|------------------|
| <code>\$0</code> |
|------------------|

The target object of the constructor call.

This is equivalent to `this`.

|                                           |
|-------------------------------------------|
| <code>\$1</code> , <code>\$2</code> , ... |
|-------------------------------------------|

The parameters of the constructor call.

|                      |                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------|
| <code>\$class</code> | A <code>java.lang.Class</code> object representing the class declaring the constructor. |
|----------------------|-----------------------------------------------------------------------------------------|

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| <code>\$sig</code> | An array of <code>java.lang.Class</code> objects representing the formal parameter types. |
|--------------------|-------------------------------------------------------------------------------------------|

|                        |
|------------------------|
| <code>\$proceed</code> |
|------------------------|

<td>The name of the constructor originally called  
in the expression.</td>  
</tr>

</table>  
</ul>

<p>Here the constructor call means the one represented by the  
<code>ConstructorCall</code> object.

<p>The other identifiers such as <code>\$w</code>,  
<code>\$args</code> and <code>\$\$</code>  
are also available.

<p>Since any constructor must call either a constructor of the super  
class or another constructor of the same class,  
the substituted statement must include  
a constructor call,  
normally a call to <code>\$proceed()</code>.

<p><code>\$proceed</code> is not a <code>String</code> value but special  
syntax. It must be followed by an argument list surrounded by parentheses  
<code>()</code>.

#### <h4>javassist.expr.FieldAccess</h4>

<p>A <code>FieldAccess</code> object represents field access.  
The method <code>edit()</code> in <code>ExprEditor</code>  
receives this object if field access is found.  
The method <code>replace()</code> in  
<code>FieldAccess</code> receives  
source text representing the substituted statement or  
block for the field access.

<p>  
In the source text, the identifiers starting with <code>\$</code>  
have special meaning:

<ul><table border=0>  
<tr>  
<td><code>\$0</code></td>  
<td rowspan=3>

The object containing the field accessed by the expression.  
This is not equivalent to <code>this</code>.<br>  
<code>this</code> represents the object that the method including the  
expression is invoked on.<br>  
<code>\$0</code> is <code>null</code> if

the field is static.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr><td>&nbsp;</td></tr>

<tr>

<td><code>\$1</code></td>

<td rowspan=2>

The value that would be stored in the field  
if the expression is write access.

<br>Otherwise, <code>\$1</code> is not available.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr>

<td><code>\$\_</code></td>

<td rowspan=2>

The resulting value of the field access  
if the expression is read access.

<br>Otherwise, the value stored in <code>\$\_</code> is discarded.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr>

<td><code>\$r</code></td>

<td rowspan=2>

The type of the field if the expression is read access.

<br>Otherwise, <code>\$r</code> is <code>void</code>.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr><td><code>\$class</code> &nbsp;&nbsp;</td>

<td>A <code>java.lang.Class</code> object representing  
the class declaring the field.

</td></tr>

<tr><td><code>\$type</code></td>

<td>A <code>java.lang.Class</code> object representing  
the field type.</td>

</tr>



|                                                                   |
|-------------------------------------------------------------------|
| <code>\$proceed</code> &nbsp;                                     |
| &nbsp;                                                            |
| The name of a virtual method executing the original field access. |
| .                                                                 |

</table>  
</ul>

The other identifiers such as `$w`, `$args` and `$$` are also available.

If the expression is read access, a value must be assigned to `$_` in the source text. The type of `$_` is the type of the field.

#### javassist.expr.NewExpr

A `NewExpr` object represents object creation with the `new` operator (not including array creation). The method `edit()` in `ExprEditor` receives this object if object creation is found. The method `replace()` in `NewExpr` receives source text representing the substituted statement or block for the object creation.

In the source text, the identifiers starting with `$` have special meaning:

- |                     |
|---------------------|
| <code>\$0</code>    |
| <code>null</code> . |

- |                               |
|-------------------------------|
| <code>\$1</code> ,            |
| <code>\$2</code> , ... &nbsp; |
|                               |

The parameters to the constructor.

</td>

</tr>

<tr>

<td><code>\$\_</code></td>

<td rowspan=2>

The resulting value of the object creation.

<br>A newly created object must be stored in this variable.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr>

<td><code>\$r</code></td>

<td>

The type of the created object.

</td>

</tr>

<tr><td><code>\$sig</code> &nbsp;  </td>

<td>An array of <code>java.lang.Class</code> objects representing the formal parameter types.</td>

</tr>

<tr><td><code>\$type</code> &nbsp;  </td>

<td>A <code>java.lang.Class</code> object representing the class of the created object.

</td></tr>

<tr><td><code>\$proceed</code> &nbsp;  </td>

<td>The name of a virtual method executing the original object creation.

.</td>

</tr>

</table>

</ul>

<p>The other identifiers such as <code>\$w</code>, <code>\$args</code> and <code>\$\$</code> are also available.

<h4>javassist.expr.NewArray</h4>

<p>A <code>NewArray</code> object represents array creation

with the <code>new</code> operator.

The method `edit()` in `ExprEditor` receives this object if array creation is found.

The method `replace()` in `NewArray` receives source text representing the substituted statement or block for the array creation.

<p>

In the source text, the identifiers starting with `$` have special meaning:

<ul><table border=0>

<tr>

<td><code>\$0</code></td>

<td>

<code>>null</code>.

</td>

</tr>

<tr>

<td><code>\$1</code>, <code>\$2</code>, ... &nbsp;&nbsp;</td>

<td>

The size of each dimension.

</td>

</tr>

<tr>

<td><code>\$\_</code></td>

<td rowspan=2>

The resulting value of the array creation.

<br>A newly created array must be stored in this variable.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr>

<td><code>\$r</code></td>

<td>

The type of the created array.

</td>

</tr>

<tr><td><code>\$type</code> &nbsp;&nbsp;</td>

<td>A `java.lang.Class` object representing the class of the created array.

</td></tr>

```
<tr><td><code>$proceed</code>
 &nbsp; &nbsp;</td>
<td>The name of a virtual method executing the original
array creation.
.</td>
</tr>
```

```
</table>
</ul>
```

<p>The other identifiers such as <code>\$w</code>, <code>\$args</code> and <code>\$\$</code> are also available.

<p>For example, if the array creation is the following expression,

```
<ul><pre>
String[][] s = new String[3][4];
</pre></ul>
```

then the value of \$1 and \$2 are 3 and 4, respectively. \$3 is not available.

<p>If the array creation is the following expression,

```
<ul><pre>
String[][] s = new String[3][];
</pre></ul>
```

then the value of \$1 is 3 but \$2 is not available.

#### <h4>javassist.expr.Instanceof</h4>

<p>A <code>Instanceof</code> object represents an <code>instanceof</code> expression.

The method <code>edit()</code> in <code>ExprEditor</code> receives this object if an instanceof expression is found.

The method <code>replace()</code> in <code>Instanceof</code> receives source text representing the substituted statement or block for the expression.

<p>In the source text, the identifiers starting with <code>\$</code> have special meaning:

```
<ul><table border=0>
```

|                                             |
|---------------------------------------------|
| <code>&lt;code&gt;\$0&lt;/code&gt;</code>   |
| <code>&lt;code&gt;null&lt;/code&gt;.</code> |

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| <code>&lt;code&gt;\$1&lt;/code&gt;</code>                                                                  |
| The value on the left hand side of the original <code>&lt;code&gt;instanceof&lt;/code&gt;</code> operator. |

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>&lt;code&gt;\$_&lt;/code&gt;</code>                                                                                                          |
| The resulting value of the expression.<br>The type of <code>&lt;code&gt;\$_&lt;/code&gt;</code> is <code>&lt;code&gt;boolean&lt;/code&gt;</code> . |

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| <code>&lt;code&gt;\$r&lt;/code&gt;</code>                                                         |
| The type on the right hand side of the <code>&lt;code&gt;instanceof&lt;/code&gt;</code> operator. |

|                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>&lt;code&gt;\$type&lt;/code&gt;</code>                                                                                                                                  |
| A <code>&lt;code&gt;java.lang.Class&lt;/code&gt;</code> object representing the type on the right hand side of the <code>&lt;code&gt;instanceof&lt;/code&gt;</code> operator. |

|                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>&lt;code&gt;\$proceed&lt;/code&gt;</code> &nbsp; &nbsp;                                                                                                                                                                                                                                                                                                                                                            |
| The name of a virtual method executing the original <code>&lt;code&gt;instanceof&lt;/code&gt;</code> expression.<br>It takes one parameter (the type is <code>&lt;code&gt;java.lang.Object&lt;/code&gt;</code> ) and returns true<br>if the parameter value is an instance of the type on the right hand side of the original <code>&lt;code&gt;instanceof&lt;/code&gt;</code> operator.<br>Otherwise, it returns false. |

</tr>

<tr><td>&nbsp;</td></tr>

<tr><td>&nbsp;</td></tr>

<tr><td>&nbsp;</td></tr>

</table>

</ul>

<p>The other identifiers such as <code>\$w</code>, <code>\$args</code> and <code>\$\$</code> are also available.

#### <h4>javassist.expr.Cast</h4>

<p>A <code>Cast</code> object represents an expression for explicit type casting.

The method <code>edit()</code> in <code>ExprEditor</code> receives this object if explicit type casting is found.

The method <code>replace()</code> in <code>Cast</code> receives source text representing the substituted statement or block for the expression.

<p>

In the source text, the identifiers starting with <code>\$</code> have special meaning:

<ul><table border=0>

<tr>

<td><code>\$0</code></td>

<td>

<code>null</code>.

</td>

</tr>

<tr>

<td><code>\$1</code></td>

<td>

The value the type of which is explicitly cast.

</td>

</tr>

<tr>

<td><code>\$\_</code></td>

<td>

rowspan=2>

The resulting value of the expression.

The type of `$_` is the same as the type  
after the explicit casting, that is, the type surrounded  
by `()`.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr>

<td><code>\$r</code></td>

the type after the explicit casting, or the type surrounded  
by `()`.

</td>

</tr>

<tr><td><code>\$type</code></td>

A `java.lang.Class` object representing  
the same type as `$r`.

</td>

</tr>

<tr><td><code>\$proceed</code> &nbsp;&nbsp;</td>

The name of a virtual method executing the original  
type casting.

It takes one parameter of the type `java.lang.Object`  
and returns it after

the explicit type casting specified by the original expression.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

<tr><td>&nbsp;</td></tr>

</table>

</ul>

The other identifiers such as `$w`,  
`$args` and `$$`  
are also available.

`javassist.expr.Handler`

A

`Handler` object represents a `catch` clause of `try-catch` statement.

The method `edit()` in `ExprEditor` receives this object if a `catch` is found.

The method `insertBefore()` in `Handler` compiles the received source text and inserts it at the beginning of the `catch` clause.

<p>

In the source text, the identifiers starting with `$` have meaning:

<ul><table border=0>

<tr>

<td>`$1`</td>

<td>

The exception object caught by the `catch` clause.

</td>

</tr>

<tr>

<td>`$r`</td>

<td>the type of the exception caught by the `catch` clause.

It is used in a cast expression.

</td>

</tr>

<tr>

<td>`$w`</td>

<td>The wrapper type. It is used in a cast expression.

</td>

</tr>

<tr><td>`$type` &nbsp; &nbsp;</td>

<td rowspan=2>

A `java.lang.Class` object representing

<br>the

type of the exception caught by the `catch` clause.

</td>

</tr>

<tr><td>&nbsp;</td></tr>

</table>

</ul>

<p>If a new exception object is assigned to `$1`,



it is passed to the original `catch` clause as the caught exception.

<p><br>

<a name="add">

<h3>4.3 Adding a new method or field</h3>

<h4>Adding a method</h4>

<p>Javassist allows the users to create a new method and constructor from scratch. `CtNewMethod` and `CtNewConstructor` provide several factory methods, which are static methods for creating `CtMethod` or `CtConstructor` objects. Especially, `make()` creates a `CtMethod` or `CtConstructor` object from the given source text.

<p>For example, this program:

<ul><pre>  
CtClass point = ClassPool.getDefault().get("Point");  
CtMethod m = CtNewMethod.make(  
 "public int xmove(int dx) { x += dx; }",  
 point);  
point.addMethod(m);  
</pre></ul>

<p>adds

a public method `xmove()` to class `Point`. In this example, `x` is a `int` field in the class `Point`.

<p>The source text passed to `make()` can include the identifiers starting with `$` except `$_` as in `setBody()`.

It can also include

`$proceed` if the target object and the target method name are also given to `make()`. For example,

<ul><pre>  
CtClass point = ClassPool.getDefault().get("Point");  
CtMethod m = CtNewMethod.make(  
 "public int ymove(int dy) { \$proceed(0, dy); }",  
 point, "this", "move");  
</pre></ul>

<p>this program creates a method <code>ymove()</code> defined below:

```
<ul><pre>
public int ymove(int dy) { this.move(0, dy); }
</pre></ul>
```

<p>Note that <code>\$proceed</code> has been replaced with <code>this.move</code>.

<p>Javassist provides another way to add a new method. You can first create an abstract method and later give it a method body:

```
<ul><pre>
CtClass cc = ... ;
CtMethod m = new CtMethod(CtClass.intType, "move",
    new CtClass[] { CtClass.intType }, cc);
cc.addMethod(m);
m.setBody("{ x += $1; }");
cc.setModifiers(cc.getModifiers() & ~Modifier.ABSTRACT);
</pre></ul>
```

<p>Since Javassist makes a class abstract if an abstract method is added to the class, you have to explicitly change the class back to a non-abstract one after calling <code>setBody()</code>.

#### <h4>Mutual recursive methods</h4>

<p>Javassist cannot compile a method if it calls another method that has not been added to a class. (Javassist can compile a method that calls itself recursively.) To add mutual recursive methods to a class, you need a trick shown below. Suppose that you want to add methods <code>m()</code> and <code>n()</code> to a class represented by <code>cc</code>:

```
<ul><pre>
CtClass cc = ... ;
CtMethod m = CtNewMethod.make("public abstract int m(int i);", cc);
CtMethod
n = CtNewMethod.make("public abstract int n(int i);", cc);
cc.addMethod(m);
cc.addMethod(n);
m.setBody("{ return ($1 <= 0) ? 1 : (n($1 - 1) * $1); }");
n.setBody("{ return m($1); }");
cc.setModifiers(cc.getModifiers() & ~Modifier.ABSTRACT);
</pre></ul>
```

<p>You must first make two abstract methods and add them to the class. Then you can give the method bodies to these methods even if the method bodies include method calls to each other. Finally you must change the class to a not-abstract class since `addMethod()` automatically changes a class into an abstract one if an abstract method is added.

#### <h4>Adding a field</h4>

<p>Javassist also allows the users to create a new field.

```
<ul><pre>
CtClass point = ClassPool.getDefault().get("Point");
CtField f = new CtField(CtClass.intType, "z", point);
point.addField(f);
</pre></ul>
```

<p>This program adds a field named `z` to class `Point`.

<p>If the initial value of the added field must be specified, the program shown above must be modified into:

```
<ul><pre>
CtClass point = ClassPool.getDefault().get("Point");
CtField f = new CtField(CtClass.intType, "z", point);
point.addField(f, "0"); <em>// initial value is 0.</em>
</pre></ul>
```

<p>Now, the method `addField()` receives the second parameter, which is the source text representing an expression computing the initial value. This source text can be any Java expression if the result type of the expression matches the type of the field. Note that an expression does not end with a semi colon (`<code>;</code>`).

<p>Furthermore, the above code can be rewritten into the following simple code:

```
<ul><pre>
CtClass point = ClassPool.getDefault().get("Point");
CtField f = CtField.make("public int z = 0;", point);
point.addField(f);
</pre></ul>
```

#### <h4>Removing a member</h4>

<p>To remove a field or a method, call `removeField()` or `removeMethod()` in `CtClass`. A

`CtConstructor` can be removed by `removeConstructor()` in `CtClass`.

`<p><br>`

`<a name="annotation">`

### 4.4 Annotations

`CtClass`, `CtMethod`, `CtField` and `CtConstructor` provides a convenient method `getAnnotations()` for reading annotations. It returns an annotation-type object.

For example, suppose the following annotation:

```
@interface Author {
    String name();
    int year();
}
```

This annotation is used as the following:

```
@Author(name="Chiba", year=2005)
public class Point {
    int x, y;
}
```

Then, the value of the annotation can be obtained by `getAnnotations()`. It returns an array containing annotation-type objects.

```
CtClass cc = ClassPool.getDefault().get("Point");
Object[] all = cc.getAnnotations();
Author a = (Author)all[0];
String name = a.name();
int year = a.year();
System.out.println("name: " + name + ", year: " + year);
```

This

code snippet should print:

```
<ul><pre>
name: Chiba, year: 2005
</pre></ul>
```

<p>
Since the annoation of <code>Point</code> is only <code>@Author</code>,
the length of the array <code>all</code> is one
and <code>all[0]</code> is an <code>Author</code> object.
The member values of the annotation can be obtained
by calling <code>name()</code> and <code>year()</code>
on the <code>Author</code> object.

<p>To use <code>getAnnotations()</code>, annotation types
such as <code>Author</code> must be included in the current
class path. <em>They must be also accessible from a
<code>ClassPool</code> object.</em> If the class file of an annotation
type is not found, Javassist cannot obtain the default values
of the members of that annotation type.

<p><br>

<a name="runtime">
<h3>4.5 Runtime support classes</h3>

<p>In most cases, a class modified by Javassist does not require
Javassist to run. However, some kinds of bytecode generated by the
Javassist compiler need runtime support classes, which
are in the
<code>javassist.runtime</code> package (for details, please read
the API reference of that package). Note that the
<code>javassist.runtime</code> package is the only package that
classes modified by Javassist may need for running. The other
Javassist classes are never used at runtime of the modified classes.

<p><br>

<a name="import">
<h3>4.6 Import</h3>

<p>All the class names in source code must be fully qualified
(they must include package names).
However, the <code>java.lang</code> package is an
exception; for example, the Javassist compiler can
resolve <code>Object</code> as
well as <code>java.lang.Object</code>.

<p>To tell the compiler to search other packages when resolving a class name, call <code>importPackage()</code> in <code>ClassPool</code>. For example,

```
<ul><pre>
ClassPool pool = ClassPool.getDefault();
pool.importPackage("java.awt");
CtClass cc = pool.makeClass("Test");
CtField f = CtField.make("public Point p;", cc);
cc.addField(f);
</pre></ul>
```

<p>The  
second line instructs the compiler  
to import the <code>java.awt</code> package.  
Thus, the third line will not throw an exception.  
The compiler can recognize <code>Point</code>  
as <code>java.awt.Point</code>.

<p>Note that <code>importPackage()</code> <em>does not</em> affect  
the <code>get()</code> method in <code>ClassPool</code>.  
Only the compiler considers the imported packages.  
The parameter to <code>get()</code>  
must be always a fully qualified name.

<p><br>

<a name="limit">  
<h3>4.7 Limitations</h3>

<p>In the current implementation, the Java compiler included in Javassist has several limitations with respect to the language that the compiler can accept. Those limitations are:

<p><li>The new syntax introduced by J2SE 5.0 (including enums and generics) has not been supported. Annotations are supported by the low level API of Javassist.

See the <code>javassist.bytecode.annotation</code> package  
(and also <code>getAnnotations()</code>  
in <code>CtClass</code> and <code>CtBehavior</code>).

Generics

are also only partly supported. See <a href="/tutorial3.html#generics">the latter section</a> for more details.

<p><li>Array initializers, a comma-separated list of expressions enclosed by braces <code>{</code> and <code>}</code>, are not available unless the array dimension is one.

<p><li>Inner classes or anonymous classes are not supported.

Note that this is a limitation of the compiler only.

It cannot compile source code including an anonymous-class declaration.

Javassist can read and modify a class file of inner/anonymous class.

Labeled `continue` and `break` statements are not supported.

The compiler does not correctly implement the Java method dispatch algorithm. The compiler may confuse if methods defined in a class have the same name but take different parameter lists.

For example,

```
class A {}
class B extends A {}
class C extends B {}

class X {
    void foo(A a) { .. }
    void foo(B b) { .. }
}

```

If the compiled expression is `x.foo(new C())`, where `x` is an instance of X, the compiler may produce a call to `foo(A)` although the compiler can correctly compile `foo((B)new C())`.

The users are recommended to use `#` as the separator between a class name and a static method or field name.

For example, in regular Java,

```
javassist.CtClass.intType.getName()
```

calls a method `getName()` on the object indicated by the static field `intType` in `javassist.CtClass`. In Javassist, the users can write the expression shown above but they are recommended to write:

```
javassist.CtClass#intType.getName()
```

so that the compiler can quickly parse the expression.





Release notes.

\* [License.html](License.html)

License file.

\* [tutorial/tutorial.html](https://www.javassist.org/tutorial/tutorial.html)

Tutorial.

\* ./javassist.jar

The Javassist jar file (class files).

\* ./src/main

The source files

\* [Examples.md](Examples.md)

How to run examples.

\* [html/index.html](https://www.javassist.org/html/index.html)

The top page of the Javassist API document.

#### #### Hints

To print the version number, type this command:

---

```
java -jar javassist.jar
```

---

#### #### Acknowledgments

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Kumar Matcha, Andreas Salathe, Renat Zubairov, Armin Haaf,  
Emmanuel Bernard, Jason T. Greene, Omer  
Kaspi,  
and all other contributors for their contributions.

by [Shigeru Chiba](https://github.com/chibash)

Found in path(s):

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/README.md

No license file was found, but licenses were detected in source scan.

<name>Apache License 2.0</name>

Copyright (C) \${project.inceptionYear}- Shigeru Chiba. All Rights Reserved.</i></bottom>

Found in path(s):

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/pom.xml

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Automatic-Module-Name: org.javassist

Bnd-LastModified: 1703435064742

Build-Jdk-Spec: 21

Bundle-Description: Javassist (JAVA programming ASSISTant) makes Java  
bytecode manipulation simple. It is a class library for editing by  
tecodes in Java.

Bundle-License: https://www.mozilla.org/en-US/MPL/1.1/, https://www.gn  
u.org/licenses/lgpl-2.1.html, https://www.apache.org/licenses/LICENSE  
-2.0

Bundle-ManifestVersion: 2

Bundle-Name: Javassist

Bundle-SymbolicName: javassist

Bundle-Vendor: Shigeru Chiba, www.javassist.org

Bundle-Version: 3.30.2.GA

Created-By: Apache Maven Bundle Plugin 5.1.9

Export-Package: javassist;version="3.30.2.GA";uses:="javassist.bytecod  
e,javassist.compiler,javassist.compiler.ast,javassist.convert,javassi  
st.expr",javassist.bytecode;version="3.30.2.GA";uses:="javassist,java  
ssist.bytecode.annotation",javassist.bytecode.analysis;version="3.30.  
2.GA";uses:="javassist,javassist.bytecode,javassist.bytecode.stackmap  
",javassist.bytecode.annotation;version="3.30.2.GA";uses:="javassist,  
javassist.bytecode",javassist.bytecode.stackmap;version="3.30.2.GA";u  
ses:="javassist,javassist.bytecode",javassist.compiler;version="3.30.  
2.GA";uses:="javassist,javassist.bytecode,javassist.compiler.ast",jav  
assist.compiler.ast;version="3.30.2.GA";uses:="javassist,javassist.co  
mpiler",javassist.convert;version="3.30.2.GA";uses:="javassist,javass  
ist.bytecode",javassist.expr;version="3.30.2.GA";uses:="javassist,jav  
assist.bytecode",javassist.runtime;version="3.30.2.GA",javassist.scop  
edpool;version="3.30.2.GA";uses:="javassist,javassist.tools;version="3

.30.2.GA";uses:=javassist,javassist.tools.reflect;version="3.30.2.GA"  
;uses:="javassist,javassist.bytecode",javassist.tools.rmi;version="3.  
30.2.GA";uses:="javassist,javassist.tools.web",javassist.tools.web;ve  
rsion="3.30.2.GA";uses:=javassist,javassist.util;version="3.30.2.GA";  
uses:=javassist,javassist.util.proxy;version="3.30.2.GA";uses:="jvas  
sist,javassist.bytecode"  
Main-Class: javassist.CtClass  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"  
Specification-Title: Javassist  
Specification-Vendor: Shigeru Chiba, www.javassist.org  
Specification-Version: 3.30  
Tool: Bnd-6.3.1.202206071316

Found in path(s):

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/javassist-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

/opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/javassist-jar/javassist/CtClass.class: binary file matches

Found in path(s):

\* /bin/grep

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright (c) Brett Randall 2004. All rights reserved.

\*

\* Created on Jul 20, 2004

\*/

Found in path(s):

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/test/javassist/LoaderTestByRandall.java

No license file was found, but licenses were detected in source scan.

Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.</i>]]></bottom>

Found in path(s):

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/build.xml

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Created-By: 1.5.0\_13 (Sun Microsystems Inc.)

Bundle-License: <http://www.gnu.org/copyleft/lesser.html>

Import-Package: org.ow2.jonas.empty

Include-Resource: src/main/resources

Bnd-LastModified: 1197692651092

Export-Package: org.ow2.jonas.empty  
Bundle-Version: 5.0.0  
Bundle-Name: JOnAS :: Libraries :: Empty  
Bundle-Description: JOnAS : Java Open Application Server  
Bundle-DocURL: http://www.ow2.org  
Bundle-Vendor: OW2 Consortium  
Bundle-ManifestVersion: 2  
Bundle-SymbolicName: org.ow2.jonas.empty  
Tool: Bnd-0.0.189  
DynamicImport-Package: \*

Found in path(s):

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/test/resources/empty-jar/META-INF/MANIFEST.MF

No license file was found, but licenses were detected in source scan.

/\*\*

\* Returns an array containing all of the elements in this queue, in  
\* proper sequence.  
\*  
\* <p>The returned array will be "safe" in that no references to it are  
\* maintained by this queue. (In other words, this method must allocate  
\* a new array). The caller is thus free to modify the returned array.  
\*  
\* <p>This method acts as bridge between array-based and collection-based  
\* APIs.  
\*  
\* @return an array containing all of the elements in this queue  
\*/

Found in path(s):

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/src/test/test/javassist/convert/InstrumentationTarget.java

No license file was found, but licenses were detected in source scan.

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">

<title>Javassist Tutorial</title>

<link rel="stylesheet" type="text/css" href="brown.css">

</head>

<body>

<div align="right">Getting Started with Javassist</div>

<div align="left"><a href="tutorial2.html">Previous page</a></div>

<p>  
<a href="#intro">5. Bytecode level API</a>  
<ul>  
<li><a href="#classfile">Obtaining a <code>ClassFile</code> object</a>  
<br><li><a href="#member">Adding and removing a member</a>  
<br><li><a href="#traverse">Traversing a method body</a>  
<br><li><a href="#bytecode">Producing a bytecode sequence</a>  
<br><li><a href="#annotation">Annotations (Meta tags)</a>  
  
</ul>

<p><a href="#generics">6. Generics</a>

<p><a href="#varargs">7. Varargs</a>

<p><a href="#j2me">8. J2ME</a>

<p><a href="#boxing">9. Boxing/Unboxing

<p><a href="#debug">10. Debug</a>

<p><br>

<a name="intro">  
<h2>5. Bytecode level  
API</h2>

<p>  
Javassist also provides lower-level API for directly editing  
a class file. To use this level of API, you need detailed  
knowledge of the Java bytecode and the class file format  
while this level of API allows you any kind of modification  
of class files.

<p>  
If you want to just produce a simple class file,  
<code>javassist.bytecode.ClassFileWriter</code> might provide  
the best API for you. It is much faster than  
<code>javassist.bytecode.ClassFile</code> although its API  
is minimum.

<a name="classfile">  
<h3>5.1 Obtaining a <code>ClassFile</code> object</h3>

<p>A <code>javassist.bytecode.ClassFile</code> object represents  
a class file. To obtain this object, <code>getClassFile()</code>  
in <code>CtClass</code> should be called.

Otherwise, you can construct a `javassist.bytecode.ClassFile` directly from a class file. For example,

```
BufferedInputStream fin
= new BufferedInputStream(new FileInputStream("Point.class"));
ClassFile cf = new ClassFile(new
DataInputStream(fin));
```

This code snippet creates a `ClassFile` object from `Point.class`.

A `ClassFile` object can be written back to a class file. `write()` in `ClassFile` writes the contents of the class file to a given `DataOutputStream`.

You can create a new class file from scratch. For example,

```
ClassFile cf = new ClassFile(false, "test.Foo", null);
cf.setInterfaces(new String[] { "java.lang.Cloneable" });

FieldInfo f = new FieldInfo(cf.getConstPool(), "width", "I");
f.setAccessFlags(AccessFlag.PUBLIC);
cf.addField(f);

cf.write(new DataOutputStream(new FileOutputStream("Foo.class")));
```

this code generates a class file `Foo.class` that contains the implementation of the following class:

```
package test;
class Foo implements Cloneable {
    public int width;
}
```

[5.2 Adding](#)

and removing a member</h3>

<p>

<code>ClassFile</code> provides <code>addField()</code> and <code>addMethod()</code> for adding a field or a method (note that a constructor is regarded as a method at the bytecode level).

It also provides <code>addAttribute()</code> for adding an attribute to the class file.

<p>

Note that <code>FieldInfo</code>, <code>MethodInfo</code>, and <code>AttributeInfo</code> objects include a link to a <code>ConstPool</code> (constant pool table) object. The <code>ConstPool</code> object must be common to the <code>ClassFile</code> object and a <code>FieldInfo</code> (or <code>MethodInfo</code> etc.) object that is added to that <code>ClassFile</code> object.

In other words, a <code>FieldInfo</code> (or <code>MethodInfo</code> etc.) object must not be shared among different <code>ClassFile</code> objects.

<p>

To remove a field or a method from a <code>ClassFile</code> object, you must first obtain a <code>java.util.List</code>

object containing all the fields

of the class. <code>getFields()</code>

and <code>getMethods()</code> return the lists. A field or a method can

be removed by calling <code>remove()</code> on the <code>List</code> object.

An attribute can be removed in a similar way.

Call <code>getAttributes()</code> in <code>FieldInfo</code> or

<code>MethodInfo</code> to obtain the list of attributes,

and remove one from the list.

<p><br>

<a name="traverse">

<h3>5.3 Traversing a method body</h3>

<p>

To examine every bytecode instruction in a method body,

<code>CodeIterator</code> is useful. To obtain this object,

do as follows:

<ul><pre>

```
ClassFile cf = ... ;
```

```
MethodInfo minfo = cf.getMethod("move"); // we assume move is not overloaded.
```

```
CodeAttribute ca = minfo.getCodeAttribute();
```

```
CodeIterator i = ca.iterator();
```

```
</pre></ul>
```

<p>

A `CodeIterator` object allows you to visit every bytecode instruction one by one from the beginning to the end. The following methods are part of the methods declared in `CodeIterator`:

<ul>

<li><code>void

`begin()`<br>

Move to the first instruction.<br>

<li><code>void move(int index)</code><br>

Move to the instruction specified by the given index.<br>

<li><code>boolean hasNext()<br>

Returns true if there is more instructions.<br>

<li><code>int next()<br>

Returns the index of the next instruction.<br>

<em>Note that it does not return the opcode of the next instruction.</em><br>

<li><code>int byteAt(int index)</code><br>

Returns the unsigned 8bit value at the index.<br>

<li><code>int u16bitAt(int index)</code><br>

Returns the unsigned 16bit value at the index.<br>

<li><code>int write(byte[] code, int index)</code><br>

Writes a byte array at the index.<br>

<li><code>void insert(int index, byte[] code)</code><br>

Inserts a byte array at the index.

Branch offsets etc. are automatically adjusted.<br>

</ul>

<p>The following code snippet displays all the instructions included in a method body:

<ul><pre>

```
CodeIterator ci = ... ;
```

```
while (ci.hasNext())
```

```
{
```

```
    int index = ci.next();
```

```
    int op = ci.byteAt(index);
```

```
    System.out.println(Mnemonic.OPCODE[op]);
```

```
}
```

```
</pre></ul>
```

<p><br>

<a name="bytecode">

<h3>5.4 Producing a bytecode sequence</h3>



<p>

A `Bytecode` object represents a sequence of bytecode instructions. It is a growable array of bytecode.

Here is a sample code snippet:

<ul><pre>

```
ConstPool cp = ...; // constant pool table
```

```
Bytecode b = new Bytecode(cp, 1, 0);
```

```
b.addIconst(3);
```

```
b.addReturn(CtClass.intType);
```

```
CodeAttribute ca = b.toCodeAttribute();
```

</pre></ul>

<p>

This produces the code attribute representing the following sequence:

<ul><pre>

```
iconst_3
```

```
ireturn
```

</pre></ul>

<p>

You can also obtain a byte array containing this sequence by calling `get()` in `Bytecode`. The obtained array can be inserted in another code attribute.

<p>

While `Bytecode` provides a number of methods for adding a specific instruction to the sequence, it provides

`addOpcode()` for adding

an 8bit opcode and

`addIndex()` for adding an index.

The 8bit value of each opcode is defined in the `Opcode` interface.

<p>

`addOpcode()` and other methods for adding a specific instruction are automatically maintain the maximum stack depth unless the control flow does not include a branch.

This value can be obtained by calling `getMaxStack()` on the `Bytecode` object.

It is also reflected on the `CodeAttribute` object constructed from the `Bytecode` object.

To recompute the maximum stack depth of a method body, call `computeMaxStack()` in `CodeAttribute`.

<p><code>Bytecode</code> can be used to construct a method.

For example,

```

ClassFile cf = ...
Bytecode code = new Bytecode(cf.getConstPool());
code.addAload(0);
code.addInvokespecial("java/lang/Object", MethodInfo.nameInit, "()V");
code.addReturn(null);
code.setMaxLocals(1);

MethodInfo minfo = new MethodInfo(cf.getConstPool(),
    MethodInfo.nameInit, "()V");
minfo.setCodeAttribute(code.toCodeAttribute());
cf.addMethod(minfo);

```

this code makes the default constructor and adds it to the class specified by `cf`. The `Bytecode` object is first converted into a `CodeAttribute` object and then added to the method specified by `minfo`. The method is finally added to a class file `cf`.

### 5.5 Annotations (Meta tags)

Annotations are stored in a class file as runtime invisible (or visible) annotations attribute. These attributes can be obtained from `ClassFile`, `MethodInfo`, or `FieldInfo` objects. Call `getAttribute(AnnotationsAttribute.invisibleTag)` on those objects. For more details, see the javadoc manual of `javassist.bytecode.AnnotationsAttribute` class and the `javassist.bytecode.annotation` package.

Javassist also let you access annotations by the higher-level API. If you want to access annotations through `CtClass`, call `getAnnotations()` in `CtClass` or `CtBehavior`.

## 6. Generics

The lower-level API of Javassist fully supports generics introduced by Java 5. On the other hand, the higher-level API such as `CtClass` does not directly support

generics. However, this is not a serious problem for bytecode transformation.

The generics of Java is implemented by the erasure technique. After compilation, all type parameters are dropped off. For example, suppose that your source code declares a parameterized type `Vector<String>`:

```
Vector<String> v = new Vector<String>();
:
String s = v.get(0);
```

The compiled bytecode is equivalent to the following code:

```
Vector v = new Vector();
:
String s = (String)v.get(0);
```

So when you write a bytecode transformer, you can just drop off all type parameters. Because the compiler embedded in Javassist does not support generics, you must insert an explicit type cast at the caller site if the source code is compiled by Javassist, for example, through `CtMethod.make()`. No type cast is necessary if the source code is compiled by a normal Java compiler such as `javac`.

For example, if you have a class:

```
public class Wrapper<T> {
    T value;
    public Wrapper(T t) { value = t; }
}
```

and want to add an interface `Getter<T>` to the class `Wrapper<T>`:

```
public interface Getter<T> {
    T get();
}
```

```
</pre></ul>
```

<p>then the interface you really have to add is `Getter` (the type parameters `&lt;T&gt;` drops off) and the method you also have to add to the `Wrapper` class is this simple one:

```
<ul><pre>public Object get() { return value;
}
</pre></ul>
```

<p>Note that no type parameters are necessary. Since `get` returns an `Object`, an explicit type cast is needed at the caller site if the source code is compiled by Javassist. For example, if the type parameter `T` is `String`, then `(String)` must be inserted as follows:

```
<ul><pre>Wrapper w = ...
String s = (String)w.get();
</pre></ul>
```

<p>The type cast is not needed if the source code is compiled by a normal Java compiler because it will automatically insert a type cast.

<p>If you need to make type parameters accessible through reflection during runtime, you have to add generic signatures to the class file. For more details, see the API documentation (javadoc) of the `setGenericSignature` method in the `CtClass`.

<p><br>

## <a name="varargs">7. Varargs</a></h2>

<p>Currently, Javassist does not directly support varargs. So to make a method with varargs, you must explicitly set a method modifier. But this is easy.

Suppose that now you want to make the following method:

```
<ul><pre>public int length(int... args) { return args.length; }
</pre></ul>
```

<p>The following code using Javassist will make the method shown above:

```
<ul><pre>CtClass cc = /* target class */;
```

```
CtMethod m = CtMethod.make("public int length(int[] args) { return args.length; }", cc);
m.setModifiers(m.getModifiers() | Modifier.VARARGS);
cc.addMethod(m);
</pre></ul>
```

<p>The parameter type <code>int...</code> is changed into <code>int[]</code> and <code>Modifier.VARARGS</code> is added to the method modifiers.

<p>To call this method in the source code compiled by the compiler embedded in Javassist, you must write:

```
<ul><pre>
length(new int[] { 1, 2, 3 });
</pre></ul>
```

<p>instead of this method call using the varargs mechanism:

```
<ul><pre>
length(1, 2, 3);
</pre></ul>
```

<p><br>

## <a name="j2me">8. J2ME</a></h2>

<p>If you modify a class file for the J2ME execution environment, you must perform <i>preverification</i>.

Preverifying is basically producing stack maps, which is similar to stack map tables introduced into J2SE at JDK 1.6. Javassist maintains the stack maps for J2ME only if <code>javassist.bytecode.MethodInfo.doPreverify</code> is true.

<p>You can also manually produce a stack map for a modified method. For a given method represented by a <code>CtMethod</code> object <code>m</code>, you can produce a stack map by calling the following methods:

```
<ul><pre>
m.getMethodInfo().rebuildStackMapForME(cpool);
</pre></ul>
```

<p>Here, <code>cpool</code> is a <code>ClassPool</code> object, which is available by calling <code>getClassPool()</code> on a <code>CtClass</code> object. A <code>ClassPool</code> object is responsible for finding class files from given class paths. To obtain all the <code>CtMethod</code> objects, call the <code>getDeclaredMethods</code> method on a <code>CtClass</code> object.

<p><br>

## [9. Boxing/Unboxing](#)

Boxing and unboxing in Java are syntactic sugar. There is no bytecode for boxing or unboxing. So the compiler of Javassist does not support them. For example, the following statement is valid in Java:

```
Integer i = 3;
```

since boxing is implicitly performed. For Javassist, however, you must explicitly convert a value type from `int` to `Integer`:

```
Integer i = new Integer(3);
```

## [10. Debug](#)

Set `CtClass.debugDump` to a directory name. Then all class files modified and generated by Javassist are saved in that directory. To stop this, set `CtClass.debugDump` to null. The default value is null.

For example,

```
CtClass.debugDump = "./dump";
```

All modified class files are saved in `./dump`.

[Previous page](#)

---

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Found in path(s):

\* /opt/cola/permits/2070863681\_1719448219.9483764/0/javassist-3-6-1-10-zip/javassist-master/tutorial/tutorial3.html

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Upstream-Name: rdma-core

Upstream-Contact: Doug Ledford <dledford@redhat.com>,  
Leon Romanovsky <Leon@kernel.org>

Source: <https://github.com/linux-rdma/rdma-core>

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Version 3, 29 June 2007

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A

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## jQuery UI v1.13.2

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