



Open Source Used In Crosswork Data Gateway 4.5.2

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- 1.653 sigs.k8s.io-json 0.0.0-20221116044647-bc3834ca7abd**
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- 1.655 structured-merge-diff 4.2.3**
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- 1.656 gopkg.in-inf 0.9.1**
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- 1.658 go.uber.org/atomic 1.7.0**
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1.709 kubernetes-klog 2.60.1

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1.710 jsr305 3.0.2

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1.1 libjpeg 6b

1.1.1 Notifications :

This software is based in part on the work of the Independent JPEG Group.

1.1.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to

our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

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

=====

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.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES

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In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

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- (2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".
- (3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

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.

We are required to state that "The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

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 for information on retrieving files that way.

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

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 with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

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 PBMPPLUS 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://wuarhive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBMPPLUS/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

=====

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.

1.2 xalan 2.7.2

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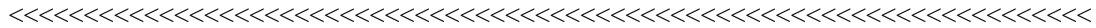
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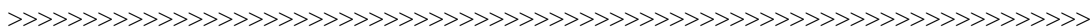
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1.4 metrics 2.2.0

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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.
*/

```

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* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/analysis/BasicValue.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/TryCatchBlockNode.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/commons/Remapper.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/analysis/Analyzer.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Context.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/util/Printer.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/analysis/Subroutine.java

*

/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/util/CheckClassAdapter.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/AnnotationNode.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-

jar/org/objectweb/asm/tree/InsnNode.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Type.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Label.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Edge.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/commons/InstructionAdapter.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Handler.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/optimizer/JarOptimizer.java
 *
 /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/ByteVector.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/tree/FrameNode.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/commons/TableSwitchGenerator.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/optimizer/MethodOptimizer.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/util/CheckSignatureAdapter.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/commons/LocalVariablesSorter.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
 *
 /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/tree/ParameterNode.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Opcodes.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/FieldVisitor.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/tree/analysis/SourceValue.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/tree/MethodInsnNode.java
 *
 /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/util/TraceSignatureVisitor.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/optimizer/Shrinker.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-

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jar/org/objectweb/asm/tree/LdcInsnNode.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/optimizer/NameMapping.java
*
/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/analysis/Frame.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/MethodWriter.java
*
/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/IntInsnNode.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/FieldNode.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
*
/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/commons/AdviceAdapter.java

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* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/util/TraceFieldVisitor.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/IncInsnNode.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/util/CheckMethodAdapter.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/MethodVisitor.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Item.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/commons/RemappingClassAdapter.java

*

/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/AbstractInsnNode.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/signature/SignatureVisitor.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/ClassOptimizer.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/LineNumberNode.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/ClassReader.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Handle.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/signature/SignatureReader.java

*

/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/TypeInsnNode.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/LabelNode.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/Frame.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/ClassWriter.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/AnnotationVisitor.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java

*

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/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/commons/Method.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/commons/StaticInitMerger.java
```

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```
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jar/org/objectweb/asm/TypeReference.java
```

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* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/TypePath.java
```

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* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/commons/package.html
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/analysis/package.html
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/util/package.html
*
/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/signature/package.html
* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/tree/package.html
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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 `null`.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

Found in path(s):

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/commons/AnalyzerAdapter.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 `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/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
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/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/tree/ClassNode.java
```

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```

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```
/**
```

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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/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/util/Textifier.java
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```

```

/****

```

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 jar/org/objectweb/asm/xml/SAXAdapter.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/xml/SAXCodeAdapter.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/xml/ASMContentHandler.java
 *
 /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/xml/SAXClassAdapter.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/xml/Processor.java
 * /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
 jar/org/objectweb/asm/xml/SAXFieldAdapter.java

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* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink.properties

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink-resize.properties

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink-frames.properties

*

/opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink-writer.properties

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink-annotations.properties

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink-signatures.properties

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jar/org/objectweb/asm/util/ASMifiable.java

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
jar/org/objectweb/asm/util/Textifiable.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.
*/

```

Found in path(s):

```

* /opt/cola/permits/132705614_1695296306.5280137/0/asm-5-0-3-sources-
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```

1.6 asm-commons 5.0.3

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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.
 */
```

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```
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*/
/**
```



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

Found in path(s):

```
*/opt/cola/permits/132707609_1695296319.6465454/0/asm-5-0-3-sources-
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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/132707609_1695296319.6465454/0/asm-5-0-3-sources-
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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 `null`.
* @param exceptions
* the internal names of the method's exception classes (see
* { @link Type#getInternalName() getInternalName}). May be
* `null`.
* @throws IllegalStateException
* If a subclass calls this constructor.*

*/

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* /opt/cola/permits/132707609_1695296319.6465454/0/asm-5-0-3-sources-
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*/

/**

* Creates a new { @link GeneratorAdapter}. *<i>*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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 jar/org/objectweb/asm/xml/Processor.java
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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.
 */

```

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- * /opt/cola/permits/132707609_1695296319.6465454/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink-writer.properties
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- *
- /opt/cola/permits/132707609_1695296319.6465454/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink-resize.properties
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1.7 paranamer 2.8

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## 1.8 json-simple 1.1.1

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\*/

Found in path(s):

\* /opt/cola/permits/173667507\_1695324641.7896898/0/annotations-13-0-sources-jar/org/jetbrains/annotations/Nls.java

\* /opt/cola/permits/173667507\_1695324641.7896898/0/annotations-13-0-sources-jar/org/jetbrains/annotations/Nullable.java

\* /opt/cola/permits/173667507\_1695324641.7896898/0/annotations-13-0-sources-jar/org/jetbrains/annotations/NonNls.java

\*

/opt/cola/permits/173667507\_1695324641.7896898/0/annotations-13-0-sources-jar/org/jetbrains/annotations/PropertyKey.java

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Found in path(s):

```
* /opt/cola/permits/173667507_1695324641.7896898/0/annotations-13-0-sources-
jar/org/jetbrains/annotations/TestOnly.java
* /opt/cola/permits/173667507_1695324641.7896898/0/annotations-13-0-sources-
jar/org/intellij/lang/annotations/JdkConstants.java
* /opt/cola/permits/173667507_1695324641.7896898/0/annotations-13-0-sources-
jar/org/jetbrains/annotations/NotNull.java
*
/opt/cola/permits/173667507_1695324641.7896898/0/annotations-13-0-sources-
jar/org/intellij/lang/annotations/MagicConstant.java
```

## 1.10 googleapis-common-protos 0.0.3

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Found in path(s):

```
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/rpc/status.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/logging/type/log_severity.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/consumer.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/log.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/type/latlng.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/annotations.proto
*
/opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/http.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/rpc/code.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/label.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/backend.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/service.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
```

```

jar/google/type/date.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/type/timeofday.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/context.proto
*
/opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/metric.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/distribution.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/type/money.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/type/dayofweek.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/system_parameter.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/logging.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/type/color.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/logging/type/http_request.proto
*
/opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/usage.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/auth.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/longrunning/operations.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/documentation.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/monitored_resource.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/rpc/error_details.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/monitoring.proto
* /opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/control.proto
*
/opt/cola/permits/176516950_1695327641.0898888/0/googleapis-common-protos-0-0-3-sources-
jar/google/api/billing.proto

```

## 1.11 antlr-runtime 4.7.1

# 1.12 failureaccess 1.0.1

# 1.13 commons-net 3.3b

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## 1.14 javax-ws-rs-api 2.1.1

## 1.15 bzip2 1.0.8

# 1.16 commons-collections 4.4

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# 1.19 jopt-simple 5.0.4

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## 1.23 apr 1.6.5

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```
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```

From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

```
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From dso/aix/dso.c:

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From strings/apr\_strnatcmp.c,  
include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.  
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From

strings/apr\_sprintf.c:

\*

\* cvt - IEEE floating point formatting routines.

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## 1.25 jzlib 1.0.7

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## 1.26 apr 1.7.0

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 \*/

lexer grammar ActionSplitter;

options { filter=true; }

```
@header {
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}
```

```
@members {
ActionSplitterListener delegate;
```

```
public ActionSplitter(CharStream input, ActionSplitterListener delegate) {
 this(input, new RecognizerSharedState());
 this.delegate = delegate;
}
```

```
/** force filtering
```

```

 (and return tokens). triggers all above actions. */
public List<Token> getActionTokens() {
 List<Token> chunks = new ArrayList<Token>();
 Token t = nextToken();
 while (t.getType()!=Token.EOF) {
 chunks.add(t);
 t = nextToken();
 }
 return chunks;
}

private boolean isIDStartChar(int c) {
 return c == '_' || Character.isLetter(c);
}

}

// ignore comments right away

COMMENT
: '/' (options {greedy=false;} : .)* '*' {delegate.text($text);}
;

LINE_COMMENT
: '/' ~('\n'|'\r')* '\r'? '\n' {delegate.text($text);}
;

SET_NONLOCAL_ATTR
: '$ x=ID ':' y=ID WS? '=' expr=ATTR_VALUE_EXPR ';'
{
 delegate.setNonLocalAttr($text, $x, $y, $expr);
}
;

NONLOCAL_ATTR
: '$ x=ID ':' y=ID {delegate.nonLocalAttr($text, $x, $y);}
;

QUALIFIED_ATTR
: '$ x=ID ':' y=ID {input.LA(1)!='('}? {delegate.qualifiedAttr($text, $x, $y);}
;

SET_ATTR
: '$ x=ID WS? '=' expr=ATTR_VALUE_EXPR ';'
{
 delegate.setAttr($text, $x, $expr);
}
;

```

```

ATTR
: '$'
x=ID {delegate.attr($text, $x);}
;

// Anything else is just random text
TEXT
@init {StringBuilder buf = new StringBuilder();}
@after {delegate.text(buf.toString());}
: (c=~("\| '$) {buf.append((char)$c);}
| "\\$' {buf.append('$);}
| "\\ c=~('$) {buf.append('\\').append((char)$c);}
| {!isIDStartChar(input.LA(2))}? => '$' {buf.append('$);}
)+
;

fragment
ID : ('a'..'z'|'A'..'Z'|'_') ('a'..'z'|'A'..'Z'|'0'..'9'|'_')*
;

/** Don't allow an = as first char to prevent $x == 3; kind of stuff. */
fragment
ATTR_VALUE_EXPR
: ~'=' (~';)*
;

fragment
WS : (' '\t'\n'\r')+
;

```

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```

* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
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```
tree grammar SourceGenTriggers;
options {
 language = Java;
 tokenVocab = ANTLRParser;
 ASTLabelType = GrammarAST;
}
```

```
@header {
package org.antlr.v4.codegen;
import org.antlr.v4.misc.Utils;
import org.antlr.v4.codegen.model.*;
import org.antlr.v4.codegen.model.decl.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.util.Collections;
import
 java.util.Map;
import java.util.HashMap;
}
```

```
@members {
public OutputModelController controller;
 public boolean hasLookaheadBlock;
 public SourceGenTriggers(TreeNodeStream input, OutputModelController controller) {
 this(input);
 this.controller = controller;
 }
}
```

```
dummy : block[null, null] ;
```

```

block[GrammarAST label, GrammarAST ebnfRoot] returns [List<? extends SrcOp> omos]
: ^(blk=BLOCK (^ (OPTIONS .+))?
{List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();
(alternative {alts.add($alternative.altCodeBlock);})+
)
{
if (alts.size()==1 && ebnfRoot==null) return alts;
if (ebnfRoot==null) {
Somos = DefaultOutputModelFactory.list(controller.getChoiceBlock((BlockAST)$blk, alts, $label));
}
else {
Choice choice = controller.getEBNFBlock($ebnfRoot, alts);
hasLookaheadBlock |= choice instanceof PlusBlock || choice instanceof StarBlock;
Somos = DefaultOutputModelFactory.list(choice);
}
}
;

```

```

alternative returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]

```

```

@init {
boolean outerMost = inContext("RULE BLOCK");
}
@after {
controller.finishAlternative($altCodeBlock, $ops, outerMost);
}
: a=alt[outerMost] { $altCodeBlock=$a.altCodeBlock; $ops=$a.ops; }
;

```

```

alt[boolean outerMost] returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]

```

```

@init {
// set alt if outer ALT only (the only ones with alt field set to Alternative object)
AltAST altAST = (AltAST)retval.start;
if (outerMost) controller.setCurrentOuterMostAlt(altAST.alt);
}
: {
List<SrcOp> elems = new ArrayList<SrcOp>();
// TODO: shouldn't we pass $start to controller.alternative()?
$altCodeBlock = controller.alternative(controller.getCurrentOuterMostAlt(), outerMost);
$altCodeBlock.ops = $ops = elems;
controller.setCurrentBlock($altCodeBlock);
}
^(ALT elementOptions? (element {if ($element.omos!=null) elems.addAll($element.omos);})+)

| ^(ALT elementOptions?
EPSILON)
{ $altCodeBlock = controller.epsilon(controller.getCurrentOuterMostAlt(), outerMost); }
;

```

```

element returns [List<? extends SrcOp> omos]
: labeledElement { $omos = $labeledElement.omos; }
| atom[null,false] { $omos = $atom.omos; }
| subrule { $omos = $subrule.omos; }
| ACTION { $omos = controller.action((ActionAST)$ACTION); }
| SEMPRED { $omos = controller.sempred((ActionAST)$SEMPRED); }
| ^(ACTION elementOptions) { $omos = controller.action((ActionAST)$ACTION); }
| ^(SEMPRED elementOptions) { $omos = controller.sempred((ActionAST)$SEMPRED); }
;

```

```

labeledElement returns [List<? extends SrcOp> omos]
: ^(ASSIGN ID atom[$ID,false]) { $omos = $atom.omos; }
| ^(PLUS_ASSIGN ID atom[$ID,false]) { $omos = $atom.omos; }
| ^(ASSIGN ID block[$ID,null]) { $omos = $block.omos; }
| ^(PLUS_ASSIGN ID block[$ID,null]) { $omos = $block.omos; }
;

```

```

subrule returns [List<? extends SrcOp> omos]
: ^(OPTIONAL b=block[null,$OPTIONAL])
{
 $omos = $block.omos;
}
| (^(op=CLOSURE
b=block[null,null])
| ^(op=POSITIVE_CLOSURE b=block[null,null])
)
{
 List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();
 SrcOp blk = $b.omos.get(0);
 CodeBlockForAlt alt = new CodeBlockForAlt(controller.delegate);
 alt.addOp(blk);
 alts.add(alt);
 SrcOp loop = controller.getEBNFBLOCK($op, alts); // "star it"
 hasLookaheadBlock |= loop instanceof PlusBlock || loop instanceof StarBlock;
 $omos = DefaultOutputModelFactory.list(loop);
}
| block[null, null] { $omos = $block.omos; }
;

```

```

blockSet[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
: ^(SET atom[label,invert]+) { $omos = controller.set($SET, $label, invert); }
;

```

```

/*
setElement
: STRING_LITERAL
| TOKEN_REF

```

```

| ^(RANGE STRING_LITERAL STRING_LITERAL)
;
*/

// TODO: combine ROOT/BANG into one then just make new op ref'ing return value of atom/terminal...
// TODO: same for NOT
atom[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
: ^(NOT
a=atom[$label, true]) {$omos = $a.omos;}
| range[label] {$omos = $range.omos;}
| ^(DOT ID terminal[$label])
| ^(DOT ID ruleref[$label])
| ^(WILDCARD .) {$omos = controller.wildcard($WILDCARD, $label);}
| WILDCARD {$omos = controller.wildcard($WILDCARD, $label);}
| terminal[label] {$omos = $terminal.omos;}
| ruleref[label] {$omos = $ruleref.omos;}
| blockSet[$label, invert] {$omos = $blockSet.omos;}
;

ruleref[GrammarAST label] returns [List<SrcOp> omos]
: ^(RULE_REF ARG_ACTION? elementOptions?) {$omos = controller.ruleRef($RULE_REF, $label,
$ARG_ACTION);}
;

range[GrammarAST label] returns [List<SrcOp> omos]
: ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
;

terminal[GrammarAST label] returns [List<SrcOp> omos]
: ^(STRING_LITERAL .) {$omos = controller.stringRef($STRING_LITERAL, $label);}
| STRING_LITERAL {$omos = controller.stringRef($STRING_LITERAL, $label);}
| ^(TOKEN_REF ARG_ACTION .) {$omos =
controller.tokenRef($TOKEN_REF, $label, $ARG_ACTION);}
| ^(TOKEN_REF .) {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
| TOKEN_REF {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
;

elementOptions
: ^(ELEMENT_OPTIONS elementOption+)
;

elementOption
: ID
| ^(ASSIGN ID ID)
| ^(ASSIGN ID STRING_LITERAL)
| ^(ASSIGN ID ACTION)
| ^(ASSIGN ID INT)
;

```

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\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/semantics/AttributeChecks.java

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/chunk/ActionText.java

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/decl/Decl.java

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/SerializedATN.java

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/LabeledOp.java

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\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/LabelElementPair.java

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\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef\_parser.java

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 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/target/SwiftTarget.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/misc/OrderedHashMap.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/semantics/SymbolChecks.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/decl/ContextTokenListGetterDecl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/MatchToken.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef\_text.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/decl/TokenListDecl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/EventManager.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/automata/ATNOptimizer.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/ast/SetAST.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/semantics/ActionSniffer.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/analysis/LeftRecursiveRuleAltInfo.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/chunk/ListLabelRef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/CodeGenPipeline.java  
 \*

/opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/misc/Graph.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/BlankOutputModelFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/GrammarSemanticsMessage.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/ast/StarBlockAST.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/MatchSet.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/target/JavaTarget.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/ThrowEarlyExitException.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/RuleActionFunction.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/chunk/LocalRef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/semantics/BlankActionSplitterListener.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/Grammar.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/LL1PlusBlockSingleAlt.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/GrammarInterpreterRuleContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/ANTLRToolListener.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/target/CppTarget.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/chunk/NonLocalAttrRef.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/chunk/LabelRef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef\_channel.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/decl/ContextRuleGetterDecl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/DefaultToolListener.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/CodeGenerator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/Attribute.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/decl/TokenTypeDecl.java



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* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/LexerGrammar.java
*
/opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/LL1StarBlockSingleAlt.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/gui/TreeLayoutAdaptor.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/semantics/RuleCollector.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/ast/NotAST.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/Alternative.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/Wildcard.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/gui/SystemFontMetrics.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/ListenerFile.java
*
/opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/LL1AltBlock.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/ParserFactory.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/ast/RuleElementAST.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/gui/JFileChooserConfirmOverwrite.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/OptionalBlock.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/decl/AttributeDecl.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/ast/BlockAST.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/automata/ATNPrinter.java
*
/opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/CaptureNextToken.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/ThrowNoViableAlt.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_type.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/parse/ResyncToEndOfRuleBlock.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/ExceptionClause.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-

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jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_start.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/ThrowRecognitionException.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_stop.java
*
/opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/AttributeDict.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/ElementFrequenciesVisitor.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/OutputModelObject.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/Rule.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/misc/Utils.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/CaptureNextTokenType.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/SrcOp.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/LeftRecursiveRuleFunction.java
*
/opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/ParserFile.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/Action.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/parse/v4ParserException.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_text.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/misc/FrequencySet.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/semantics/SymbolCollector.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/analysis/LeftRecursionDetector.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/decl/RuleContextListDecl.java
*
/opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_index.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/decl/ContextRuleListIndexedGetterDecl.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/ArgAction.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/chunk/ArgRef.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-

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jar/org/antlr/v4/tool/ast/TerminalAST.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/analysis/LeftRecursiveRuleAnalyzer.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/LL1OptionalBlockSingleAlt.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/decl/ContextTokenListIndexedGetterDecl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/misc/EscapeSequenceParsing.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/decl/CodeBlock.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/chunk/ActionTemplate.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/ast/OptionalBlockAST.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/ast/RuleAST.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/decl/RuleContextDecl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/Choice.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/InvokeRule.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/parse/v3TreeGrammarException.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/misc/MutableInt.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/automata/ParserATNFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/UnicodeEscapes.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/LL1OptionalBlock.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/Target.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef\_start.java  
 \*  
 /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/CodeGeneratorExtension.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/codegen/model/decl/ContextRuleListGetterDecl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/tool/ast/GrammarAST.java  
 \* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
 jar/org/antlr/v4/gui/BasicFontMetrics.java

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* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/gui/TestRig.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/semantics/SemanticPipeline.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/BuildDependencyGenerator.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/MatchNotSet.java
*
/opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/model/CodeBlockForAlt.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/codegen/target/Python3Target.java
No license file was found, but licenses were detected in source scan.

```

```

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* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

```

```

tree grammar BlockSetTransformer;
options {

```

```

language = Java;
tokenVocab = ANTLRParser;
ASTLabelType = GrammarAST;
output = AST;
filter = true;
}

@header {
package org.antlr.v4.parse;
import org.antlr.v4.misc.Utills;
import org.antlr.v4.misc.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.util.List;
import java.util.Set;
import
java.util.HashSet;
import java.util.ArrayList;
import org.antlr.v4.runtime.misc.IntervalSet;
}

@members {
public String currentRuleName;
public GrammarAST currentAlt;
public Grammar g;
public BlockSetTransformer(TreeNodeStream input, Grammar g) {
 this(input, new RecognizerSharedState());
 this.g = g;
}
}

topdown
: ^(RULE (id=TOKEN_REF|id=RULE_REF) {currentRuleName=$id.text;} .+)
| setAlt
| ebnfBlockSet
| blockSet
;

setAlt
: {inContext("RULE BLOCK")}?
ALT {currentAlt = $start;}
;

// (BLOCK (ALT (+ (BLOCK (ALT INT) (ALT ID))))))
ebnfBlockSet
@after {
GrammarTransformPipeline.setGrammarPtr(g, $tree);
}

```

```

: ^(ebnfSuffix blockSet) -> ^(ebnfSuffix ^(BLOCK<BlockAST> ^(ALT<AltAST> blockSet)))
;

ebnfSuffix
@after {$tree = (GrammarAST)adaptor.dupNode($start);}
: OPTIONAL
| CLOSURE
| POSITIVE_CLOSURE
;

blockSet
@init {
boolean inLexer = Grammar.isTokenName(currentRuleName);
}
@after {
GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
: {inContext("RULE")}?
// top-level: rule block and > 1 alt
^(BLOCK ^(alt=ALT elementOptions? {((AltAST)$alt).altLabel==null}? setElement[inLexer]) (^(ALT
elementOptions? setElement[inLexer]))+
-> ^(BLOCK<BlockAST>[$BLOCK.token] ^(ALT<AltAST>[$BLOCK.token,"ALT"] ^(SET[$BLOCK.token,
"SET"] setElement+))))
| {!inContext("RULE")}? // if not rule block and > 1 alt
^(BLOCK ^(ALT elementOptions? setElement[inLexer]) (^(ALT elementOptions? setElement[inLexer]))+
-> ^(SET[$BLOCK.token, "SET"] setElement+))
;

setElement[boolean inLexer]
@after {
GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
: (^(a=STRING_LITERAL elementOptions) {!inLexer ||
CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
| a=STRING_LITERAL {!inLexer || CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
| {!inLexer}?=> ^(TOKEN_REF elementOptions)
| {!inLexer}?=> TOKEN_REF
| {inLexer}?=> ^(RANGE a=STRING_LITERAL b=STRING_LITERAL
{CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1
&&
CharSupport.getCharValueFromGrammarCharLiteral($b.getText())!=-1}?
)
;

elementOptions
: ^(ELEMENT_OPTIONS elementOption*)
;

```

```
elementOption
: ID
| ^(ASSIGN id=ID v=ID)
| ^(ASSIGN ID v=STRING_LITERAL)
| ^(ASSIGN ID v=ACTION)
| ^(ASSIGN ID v=INT)
;
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/parse/BlockSetTransformer.g
```

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INF/maven/org/antlr/antlr4/pom.xml
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```

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```
*/
```

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* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/templates/messages/formats/gnu.stg
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
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```

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*/
```

```
/** Find left-recursive rules */
```

```
tree grammar LeftRecursiveRuleWalker;
```

```
options {
 tokenVocab=ANTLRParser;
 ASTLabelType=GrammarAST;
}
```



```

@header {
package org.antlr.v4.parse;

import org.antlr.v4.misc.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}

@members {
private String ruleName;
private int currentOuterAltNumber; // which outer alt of rule?
public
int numAlts; // how many alts for this rule total?

public void setAltAssoc(AltAST altTree, int alt) {}
public void binaryAlt(AltAST altTree, int alt) {}
public void prefixAlt(AltAST altTree, int alt) {}
public void suffixAlt(AltAST altTree, int alt) {}
public void otherAlt(AltAST altTree, int alt) {}
public void setReturnValues(GrammarAST t) {}
}

@rulecatch { }

// TODO: can get parser errors for not matching pattern; make them go away
public
rec_rule returns [boolean isLeftRec]
@init
{
currentOuterAltNumber = 1;
}
: ^(r=RULE id=RULE_REF {ruleName=$id.getText();}
ruleModifier?
// (ARG_ACTION)? shouldn't allow args, right?
(^ (RETURNS a=ARG_ACTION {setReturnValues($a);}))?
// (^(THROWS .+)? don't allow
(^ (LOCALS ARG_ACTION))? // TODO: copy these to gen'd code
(^ (OPTIONS .*))
| ^(AT ID ACTION) // TODO: copy
)*
ruleBlock { $isLeftRec = $ruleBlock.isLeftRec; }
exceptionGroup
)
;

exceptionGroup
: exceptionHandler* finallyClause?

```

```

;

exceptionHandler
: ^(CATCH ARG_ACTION ACTION)
;

finallyClause
: ^(FINALLY ACTION)
;

ruleModifier
: PUBLIC
| PRIVATE
| PROTECTED
;

ruleBlock returns [boolean isLeftRec]
@init{boolean lr=false; this.numAlts = $start.getChildCount();}
: ^(BLOCK
(
o=outerAlternative
{if ($o.isLeftRec) $isLeftRec = true;}
{currentOuterAltNumber++;}
)+
)
;

/** An alt is either prefix, suffix, binary, or ternary operation or "other" */
outerAlternative returns [boolean isLeftRec]
: (binary)=> binary
 {binaryAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
| (prefix)=> prefix
 {prefixAlt((AltAST)$start, currentOuterAltNumber);}
| (suffix)=> suffix
 {suffixAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
| nonLeftRecur {otherAlt((AltAST)$start, currentOuterAltNumber);}
;

binary
: ^(
ALT elementOptions? recurse element* recurse epsilonElement*)
 {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
;

prefix
: ^(ALT elementOptions?
element+
recurse epsilonElement*

```

```

)
 {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
;

suffix
: ^(ALT elementOptions? recurse element+)
 {setAltAssoc((AltAST)$ALT,currentOuterAltNumber);}
;

nonLeftRecur
: ^(ALT elementOptions? element+)
;

recurse
: ^(ASSIGN ID recurseNoLabel)
| ^(PLUS_ASSIGN ID recurseNoLabel)
| recurseNoLabel
;

recurseNoLabel : {((CommonTree)input.LT(1)).getText().equals(ruleName)}? RULE_REF;

token returns [GrammarAST t=null]
: ^(ASSIGN ID s=token {$t = $s.t;})
| ^(PLUS_ASSIGN ID s=token {$t = $s.t;})
| b=STRING_LITERAL {$t = $b;}
| ^(b=STRING_LITERAL elementOptions) {$t = $b;}
| ^(c=TOKEN_REF elementOptions) {$t = $c;}
| c=TOKEN_REF {$t = $c;}
;

elementOptions
: ^(ELEMENT_OPTIONS elementOption*)
;

elementOption
: ID
| ^(ASSIGN ID ID)
| ^(ASSIGN ID STRING_LITERAL)
| ^(ASSIGN ID ACTION)
| ^(ASSIGN ID INT)
;

element
: atom
| ^(NOT element)
| ^(RANGE atom atom)
| ^(ASSIGN ID element)

```

```
| ^(PLUS_ASSIGN ID element)
| ^(SET setElement+)
| RULE_REF
| ebnf
| epsilonElement
;
```

```
epsilonElement
: ACTION
| SEMPRED
| EPSILON
| ^(ACTION elementOptions)
| ^(SEMPRED elementOptions)
;
```

```
setElement
: ^(STRING_LITERAL elementOptions)
| ^(TOKEN_REF elementOptions)
| STRING_LITERAL
| TOKEN_REF
;
```

```
ebnf: block
| ^(OPTIONAL block)
| ^(CLOSURE block)
| ^(POSITIVE_CLOSURE block)
;
```

```
block
: ^(BLOCK ACTION? alternative+)
;
```

```
alternative
: ^(ALT elementOptions? element+)
;
```

```
atom
: ^(RULE_REF ARG_ACTION? elementOptions?)
| ^(STRING_LITERAL elementOptions)
| STRING_LITERAL
| ^(TOKEN_REF elementOptions)
| TOKEN_REF
| ^(WILDCARD elementOptions)
| WILDCARD
| ^(DOT ID element)
;
```

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\*  
/opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
jar/org/antlr/v4/parse/LeftRecursiveRuleWalker.g  
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*/

```

```

tree grammar ATNBuilder;
options {
language = Java;
tokenVocab = ANTLRParser;
ASTLabelType = GrammarAST;
// filter = true;
}

```

```
// Include the copyright in this source and also the generated source
```

```
@header {
```

```
/*
```

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```
*/
```

```
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import org.antlr.v4.automata.ATNFactory;
}
```

```
@members {
 ATNFactory factory;
 public ATNBuilder(TreeNodeStream input, ATNFactory factory) {
 this(input);
 this.factory = factory;
 }
}
```

```
dummy : block[null] ; // avoid error about no start rule
```

```
ruleBlock[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
```

```
@init {
 List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();
 int alt = 1;
 factory.setCurrentOuterAlt(alt);
}
: ^(BLOCK
 (^ (OPTIONS .*)?
 (a=alternative
 {alts.add($a.p); factory.setCurrentOuterAlt(++alt);}
)+
)
 {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
;
```

```
block[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
```

```
@init {List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();}
: ^(BLOCK (^ (OPTIONS .*)? (a=alternative {alts.add($a.p);}))+
 {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
;
```

```

alternative returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> els = new ArrayList<ATNFactory.Handle>();}
: ^(LEXER_ALT_ACTION a=alternative lexerCommands)
 {$p = factory.lexerAltCommands($a.p,$lexerCommands.p);}
| ^(ALT elementOptions? EPSILON) {$p = factory.epsilon($EPSILON);}
| ^(ALT elementOptions? (e=element {els.add($e.p);})+) {$p = factory.alt(els);}
;

```

```

lexerCommands returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> cmds = new ArrayList<ATNFactory.Handle>();}
: (c=lexerCommand {if ($c.cmd != null) cmds.add($c.cmd);})+
 {
 $p = factory.alt(cmds);
 }
;

```

```

lexerCommand returns
[ATNFactory.Handle cmd]
: ^(LEXER_ACTION_CALL ID lexerCommandExpr)
 {$cmd = factory.lexerCallCommand($ID, $lexerCommandExpr.start);}
| ID
 {$cmd = factory.lexerCommand($ID);}
;

```

```

lexerCommandExpr
: ID
| INT
;

```

```

element returns [ATNFactory.Handle p]
: labeledElement {$p = $labeledElement.p;}
| atom {$p = $atom.p;}
| subrule {$p = $subrule.p;}
| ACTION {$p = factory.action((ActionAST)$ACTION);}
| SEMPRED {$p = factory.sempred((PredAST)$SEMPRED);}
| ^(ACTION .) {$p = factory.action((ActionAST)$ACTION);}
| ^(SEMPRED .) {$p = factory.sempred((PredAST)$SEMPRED);}
| ^(NOT b=blockSet[true]) {$p = $b.p;}
| LEXER_CHAR_SET {$p = factory.charSetLiteral($start);}
;

```

```

astOperand returns [ATNFactory.Handle p]
: atom {$p = $atom.p;}
| ^(NOT blockSet[true]) {$p = $blockSet.p;}
;

```

```

labeledElement returns [ATNFactory.Handle p]
: ^(ASSIGN ID element) {$p = factory.label($element.p);}

```



```

| ^(PLUS_ASSIGN ID element)
 {$p = factory.listLabel($element.p);}
;

subrule returns [ATNFactory.Handle p]
: ^(OPTIONAL block[$start]) {$p = $block.p;}
| ^(CLOSURE block[$start]) {$p = $block.p;}
| ^(POSITIVE_CLOSURE block[$start]) {$p = $block.p;}
| block[null] {$p = $block.p;}
;

blockSet[boolean invert] returns [ATNFactory.Handle p]
@init {List<GrammarAST> alts = new ArrayList<GrammarAST>();}
: ^(SET (setElement {alts.add($setElement.start);})+) {$p = factory.set($start, alts, $invert);}
;

/** Don't combine with atom otherwise it will build spurious ATN nodes */
setElement
: ^(STRING_LITERAL .)
| ^(TOKEN_REF .)
| STRING_LITERAL
| TOKEN_REF
| ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
 | LEXER_CHAR_SET
;

atom returns [ATNFactory.Handle p]
: range {$p = $range.p;}
| ^(DOT ID terminal) {$p = $terminal.p;}
| ^(DOT ID ruleref) {$p = $ruleref.p;}
| ^(WILDCARD .) {$p = factory.wildcard($start);}
| WILDCARD {$p = factory.wildcard($start);}
| blockSet[false] {$p
= $blockSet.p;}
| terminal {$p = $terminal.p;}
| ruleref {$p = $ruleref.p;}
;

ruleref returns [ATNFactory.Handle p]
: ^(RULE_REF ARG_ACTION? ^(ELEMENT_OPTIONS .*)) {$p = factory.ruleRef($RULE_REF);}
| ^(RULE_REF ARG_ACTION?) {$p = factory.ruleRef($RULE_REF);}
| RULE_REF {$p = factory.ruleRef($RULE_REF);}
;

range returns [ATNFactory.Handle p]
: ^(RANGE a=STRING_LITERAL b=STRING_LITERAL) {$p = factory.range($a,$b);}
;

```

```

terminal returns [ATNFactory.Handle p]
: ^(STRING_LITERAL .) {$p = factory.stringLiteral((TerminalAST)$start);}
| STRING_LITERAL {$p = factory.stringLiteral((TerminalAST)$start);}
| ^(TOKEN_REF ARG_ACTION .) {$p = factory.tokenRef((TerminalAST)$start);}
| ^(TOKEN_REF .) {$p = factory.tokenRef((TerminalAST)$start);}
| TOKEN_REF {$p = factory.tokenRef((TerminalAST)$start);}
;

```

```

elementOptions
: ^(ELEMENT_OPTIONS elementOption*)
;

```

```

elementOption
: ID
| ^(ASSIGN ID
ID)
| ^(ASSIGN ID STRING_LITERAL)
| ^(ASSIGN ID ACTION)
| ^(ASSIGN ID INT)
;

```

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* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/templates/codegen/JavaScript/JavaScript.stg
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
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*/
```

```
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/gui/GraphicsSupport.java
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```

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*/

```

```

// File : A3Lexer.g
// Author : Jim Idle (jimi@temporal-wave.com)
// Copyright : Free BSD - See @header clause below
// Version : First implemented as part of ANTLR 3.2 this is the self
// hosting ANTLR 3 Lexer.
//
// Description
// -----
// This is the definitive lexer grammar for parsing ANTLR V3.x.x grammars. All other
// grammars are
// derived from this grammar via source code control integration (perforce)
// or by the gdiff tool.
//
// This grammar and its associated grmmars A3Parser.g and A3Walker.g exhibit the following
// traits, which are recommended for all production quality grammars:
//
// 1) They are separate grammars, not composite grammars;
// 2) They implement all supporting methods in a superclass (at least this is recommended

```

```
// for language targets that support inheritance;
// 3) All errors are pushed as far down the parsing chain as possible, which means
// that the lexer tries to defer error reporting to the parser, and the parser
// tries to defer error reporting to a semantic phase consisting of a single
// walk of the AST. The reason for this is that the error messages produced
// from later phases of the parse will generally have better context and so
// be more useful to the end user. Consider the message: "Syntax error at 'options'"
// vs: "You cannot specify two options{ }
// sections in a single grammar file".
// 4) The lexer is 'programmed' to catch common mistakes such as unterminated literals
// and report them specifically and not just issue confusing lexer mismatch errors.
//
```

```
/** Read in an ANTLR grammar and build an AST. Try not to do
```

```
* any actions, just build the tree.
```

```
*
```

```
* The phases are:
```

```
*
```

```
* A3Lexer.g (this file)
```

```
* A3Parser.g
```

```
* A3Verify.g (derived from A3Walker.g)
```

```
* assign.types.g
```

```
* define.g
```

```
* buildnfa.g
```

```
* antlr.print.g (optional)
```

```
* codegen.g
```

```
*
```

```
* Terence Parr
```

```
* University of San Francisco
```

```
* 2005
```

```
* Jim Idle (this v3 grammar)
```

```
* Temporal Wave LLC
```

```
* 2009
```

```
*/
```

```
lexer grammar ANTLRLexer;
```

```
// =====
```

```
// Note that while this grammar does not care about order of constructs
// that don't really matter, such as options before @header etc, it must first
// be parsed by the original v2 parser, before it replaces it. That parser
// does
```

```
// care about order of structures. Hence we are constrained by the v2 parser
// for at least the first bootstrap release that causes this parser to replace
// the v2 version.
```

```
// =====
```

```
// -----
```

```
// Options
```

```

//
// V3 option directives to tell the tool what we are asking of it for this
// grammar.
//
options {

// Target language is Java, which is the default but being specific
// here as this grammar is also meant as a good example grammar for
// for users.
//
language = Java;

// The super class that this lexer should expect to inherit from, and
// which contains any and all support routines for the lexer. This is
// commented out in this baseline (definitive or normative grammar)
// - see the ANTLR tool implementation for hints on how to use the super
// class
//
//superclass = AbstractA3Lexer;
}

tokens { SEMPRED; TOKEN_REF; RULE_REF; LEXER_CHAR_SET; ARG_ACTION; }

```

```

// Include the copyright
// in this source and also the generated source
//
@lexer::header {
/*
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```

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```
*/
```

```
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.runtime.misc.Interval;
}
```

```
@members {
```

```
public static final int COMMENTS_CHANNEL = 2;
```

```
public CommonTokenStream tokens; // track stream we push to; need for context info
public boolean isLexerRule = false;
```

```
public void grammarError(ErrorType etype, org.antlr.runtime.Token token, Object... args) { }
```

```
/** scan backwards from current point in this.tokens list
```

```
 * looking for the start of the rule or
```

```
subrule.
```

```
 * Return token or null if for some reason we can't find the start.
```

```
*/
```

```
public Token getRuleOrSubruleStartToken() {
```

```
 if (tokens==null) return null;
```

```
 int i = tokens.index();
```

```
 int n = tokens.size();
```

```
 if (i>=n) i = n-1; // seems index == n as we lex
```

```
 while (i>=0 && i<n) {
```

```
 int ttype = tokens.get(i).getType();
```

```
 if (ttype == LPAREN || ttype == TOKEN_REF || ttype == RULE_REF) {
```

```
 return tokens.get(i);
```

```
 }
```

```
 i--;
```

```
 }
```

```
 return null;
```

```
}
```

```
}
```

```
// -----
```

```
// Comments
```

```
//
```

```
// ANTLR comments can be multi or single line and we don't care
```

```
// which particularly. However we also accept Javadoc style comments
```

```
// of the form: /** ... */ and we do take care to distinguish those
```



```

// from ordinary multi-line comments
// Note how we guide the lexical PATH because we want to issue a decriptive
// error message in case of a standalone '/' character, which makes no
// sense in ANTLR source code. We also trap unterminated multi-line comments
//
fragment DOC_COMMENT : ;
COMMENT
@init
{

// Record the start line and offsets as if we need to report an
// unterminated comment, then we want to show the start of the comment
// we think is broken, not the end, where people will have to try and work
// it out themselves.
//
int startLine = $line;
int offset = getCharPositionInLine();
}
: // Eat the first character only, then see if we have a comment
 // or something silly.
 //
 '/' // Comment introducer

(
 // Single line comment, possibly with embedded src/line directives
 // in a similar style to the C pre-processor, allowing generated
 // code to refer the programmer back to the original source code
 // in case of error.
 //
 '/'
 (
 (' $ANTLR')=> ' $ANTLR' SRC
 | ~(NLCHARS)*
)

| // Multi-line comment, which may be a documentation comment
 // if it starts /** (note that we protect against accidentally
 // recognizing a comment /**/ as a documentation comment
 //
 /** (
 { input.LA(2) != '/' }?=> '*' { $type = DOC_COMMENT; }
 | { true }?=> // Required to cover all alts with predicates
)

 // Should we support embedded multiline comments here?
 //
 (
 // Pick out end of multiline comment and exit the loop

```

```

// if we find it.
//
{ !(input.LA(1) == '*' && input.LA(2) == '/') }?

// Anything else other than the non-greedy match of
// the comment close sequence
//
.
)*
(
// Look for the comment terminator, but if it is accidentally
// unterminated, then we will hit EOF, which will trigger the
// epsilon alt and hence we can issue an error
message relative
// to the start of the unterminated multi-line comment
//
/*'

|// Unterminated comment!
//
{
// ErrorManager.msg(Msg.UNTERMINATED_DOC_COMMENT, startLine, offset, $pos, startLine,
offset, $pos, (Object)null);
}
)

|// There was nothing that made sense following the opening '/' and so
// we issue an error regarding the malformed comment
//
{
// TODO: Insert error message relative to comment start
//
}
)
{
// We do not wish to pass the comments in to the parser. If you are
// writing a formatter then you will want to preserve the comments off
// channel, but could just skip and save token space if not.
//
$channel=COMMENTS_CHANNEL;
}
;

ARG_OR_CHARSET
options {k=1;}
:
{isLexerRule}?=> LEXER_CHAR_SET {$type=LEXER_CHAR_SET;}
| {!isLexerRule}?=> ARG_ACTION

```

```

 {
 $type=ARG_ACTION;
 // Set the token text to our gathered string minus outer []
 String t = $text;
 t = t.substring(1,t.length()-1);
 setText(t);
 }
;

fragment
LEXER_CHAR_SET
: '['
 ('\\' ~('\r'\n')
 | ~('\r'\n'\\'']')
)*
 ']'
;

// -----
// Argument specs
//
// Certain argument lists, such as those specifying call parameters
// to a rule invocation, or input parameters to a rule specification
// are contained within square brackets. In the lexer we consume them
// all at once and sort them out later in the grammar analysis.
//
fragment
ARG_ACTION
: '['
 (
 ARG_ACTION

 | ('')=>ACTION_STRING_LITERAL

 | ('\')=>ACTION_CHAR_LITERAL

 | ~('[']')
)*
 ']'
;

// -----
// Actions
//
// Other than making sure to distinguish between { and } embedded
//

```

```

within what we have assumed to be literals in the action code, the
// job of the lexer is merely to gather the code within the action
// (delimited by { }) and pass it to the parser as a single token.
// We know that this token will be asked for its text somewhere
// in the upcoming parse, so setting the text here to exclude
// the delimiting { } is no additional overhead.
//
ACTION
: NESTED_ACTION
('?' { $type = SEMPRED; }
((WSNLCHARS* '=>') => WSNLCHARS* '=>' // v3 gated sempred
{
Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
t.setLine(state.tokenStartLine);
t.setText(state.text);
t.setCharPositionInLine(state.tokenStartCharPositionInLine);
grammarError(ErrorType.V3_GATED_SEMPRED, t);
}
)?
)?
;

// -----
// Action structure
//
// Many language targets use { } as block delimiters and so we
// must recursively match { } delimited blocks to balance the
// braces. Additionally, we
// must make some assumptions about
// literal string representation in the target language. We assume
// that they are delimited by ' or " and so consume these
// in their own alts so as not to inadvertently match { }.
// This rule calls itself on matching a {
//
fragment
NESTED_ACTION
@init {

// Record the start line and offsets as if we need to report an
// unterminated block, then we want to show the start of the comment
// we think is broken, not the end, where people will have to try and work
// it out themselves.
//
int startLine = getLine();
int offset = getCharPositionInLine();
}

: // Action and other blocks start with opening {

```

```

//
'{'
(
// And now we can match one of a number of embedded
// elements within the action until we find a
// } that balances the opening {. If we do not find
// the balanced } then we will hit EOF and can issue
// an error message about the brace that we believe to
// be mismatched. This won't be
foolproof but we will
// be able to at least report an error against the
// opening brace that we feel is in error and this will
// guide the user to the correction as best we can.
//

// An embedded {} block
//
NESTED_ACTION

|// What appears to be a literal
//
ACTION_CHAR_LITERAL

|// We have assumed that the target language has C/Java
// type comments.
//
COMMENT

|// What appears to be a literal
//
ACTION_STRING_LITERAL

|// What appears to be an escape sequence
//
ACTION_ESC

|// Some other single character that is not
// handled above
//
~(\\|'|\"|/|'{'|'})

)*

(
// Correctly balanced closing brace
//
}'

```

```

|// Looks like have an imbalanced {} block, report
|// with respect to the opening brace.
|//
|{
| // TODO: Report imbalanced {}

 System.out.println("Block starting at line " + startLine + " offset " + (offset+1) + " contains imbalanced {} or is
missing a }");
}
)
;

// Keywords
// -----
// keywords used to specify ANTLR v3 grammars. Keywords may not be used as
// labels for rules or in any other context where they would be ambiguous
// with the keyword vs some other identifier
// OPTIONS, TOKENS, and CHANNELS must also consume the opening brace that captures
// their option block, as this is the easiest way to parse it separate
// to an ACTION block, despite it using the same {} delimiters.
//
OPTIONS : 'options' WSNLCHARS* '{' ;
TOKENS_SPEC : 'tokens' WSNLCHARS* '{' ;
CHANNELS : 'channels' WSNLCHARS* '{' ;

IMPORT : 'import' ;
FRAGMENT : 'fragment' ;
LEXER : 'lexer' ;
PARSER : 'parser' ;
GRAMMAR : 'grammar' ;
TREE_GRAMMAR : 'tree' WSNLCHARS* 'grammar' ;
PROTECTED : 'protected'
;

PUBLIC : 'public' ;
PRIVATE : 'private' ;
RETURNS : 'returns' ;
LOCALS : 'locals' ;
THROWS : 'throws' ;
CATCH : 'catch' ;
FINALLY : 'finally' ;
MODE : 'mode' ;

// -----
// Punctuation
//
// Character sequences used as separators, delimiters, operators, etc

```

```

//
COLON ':'
 {
 // scan backwards, looking for a RULE_REF or TOKEN_REF.
 // which would indicate the start of a rule definition.
 // If we see a LPAREN, then it's the start of the subrule.
 // this.tokens is the token string we are pushing into, so
 // just loop backwards looking for a rule definition. Then
 // we set isLexerRule.
 Token t = getRuleOrSubruleStartToken();
 if (t!=null) {
 if (t.getType()==RULE_REF
) isLexerRule = false;
 else if (t.getType()==TOKEN_REF) isLexerRule = true;
 // else must be subrule; don't alter context
 }
 }
;

COLONCOLON '::' ;
COMMA ',' ;
SEMI ';' ;
LPAREN '(' ;
RPAREN ')' ;
RARROW '>' ;
LT '<' ;
GT '>' ;
ASSIGN '=' ;
QUESTION '?' ;
SYNPRED '=>'
 {
 Token t = new CommonToken(input, state.type, state.channel,
 state.tokenStartCharIndex, getCharIndex()-1);
 t.setLine(state.tokenStartLine);
 t.setText(state.text);
 t.setCharPositionInLine(state.tokenStartCharPositionInLine);
 grammarError(ErrorType.V3_SYNPRED, t);
 $channel=HIDDEN;
 }
;

STAR '*' ;
PLUS '+' ;
PLUS_ASSIGN '+=' ;
OR '|' ;
DOLLAR '$' ;
DOT '.' ; // can be WILDCARD or DOT in qid or imported rule ref
RANGE '..' ;
AT '@' ;
POUND '#' ;

```

```
NOT : '~' ;
RBRACE : '}' ;
```

```
/** Allow unicode rule/token names */
```

```
ID : a=NameStartChar NameChar*
{
 if (Grammar.isTokenName($a.text)) $type = TOKEN_REF;
 else $type = RULE_REF;
}
;
```

```
fragment
```

```
NameChar : NameStartChar
| '0'..'9'
| '_'
| '\u00B7'
| '\u0300'..' \u036F'
| '\u203F'..' \u2040'
;
```

```
fragment
```

```
NameStartChar
: 'A'..'Z' | 'a'..'z'
| '\u00C0'..' \u00D6'
| '\u00D8'..' \u00F6'
| '\u00F8'..' \u02FF'
| '\u0370'..' \u037D'
| '\u037F'..' \u1FFF'
| '\u200C'..' \u200D'
| '\u2070'..' \u218F'
| '\u2C00'..' \u2FEF'
| '\u3001'..' \uD7FF'
| '\uF900'..' \uFDCF'
| '\uFDF0'..' \uFEFE'
| '\uFF00'..' \uFFFD'
; // ignores | [\u10000-\uEFFFF] ;
```

```
// -----
```

```
// Literals embedded in actions
```

```
//
```

```
// Note that we have made the assumption that the language used within
```

```
// actions uses the fairly standard " and ' delimiters for literals and
```

```
// that within these literals, characters are escaped using the \ character.
```

```
// There are some languages which do not conform to this in all cases, such
```

```
// as by using /string/ and so on. We will have to deal with such cases if
```

```
// if they come up in targets.
```

```
//
```



```

// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal characters. Within
// these, we do
// not want to inadvertently match things like '}' and so we eat them
// specifically. While this rule is called CHAR it allows for the fact that
// some languages may use/allow ' as the string delimiter.
//
fragment
ACTION_CHAR_LITERAL
: "\"" ((\\)=>ACTION_ESC | ~\")* "\""
;

// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal strings. Within these, we do
// not want to inadvertently match things like '}' and so we eat them
// specifically.
//
fragment
ACTION_STRING_LITERAL
: "\"" ((\\)=>ACTION_ESC | ~\")* "\""
;

// Within literal strings and characters that are not part of the ANTLR
// syntax, we must allow for escaped character sequences so that we do not
// inadvertently recognize the end of a string or character when the terminating
// delimiter has been escaped.
//
fragment
ACTION_ESC
: "\\" .
;

// -----
// Integer
//
// Obviously (I hope) match an arbitrary long sequence of digits.
//
INT :
('0'..'9')+
;

// -----
// Source spec
//
// A fragment rule for picking up information about an originating
// file from which the grammar we are parsing has been generated. This allows
// ANTLR to report errors against the originating file and not the generated
// file.

```

```

//
fragment
SRC : 'src' WSCHARS+ file=ACTION_STRING_LITERAL WSCHARS+ line=INT
{
 // TODO: Add target specific code to change the source file name and current line number
 //
}
;

// -----
// Literal string
//
// ANTLR makes no distinction between a single character literal and a
// multi-character string. All literals are single quote delimited and
// may contain unicode escape sequences of the form \uxxxx or \u{xxxxxx},
// where x is a valid hexadecimal number.
STRING_LITERAL
: \" ((ESC_SEQ | ~(\"|'|\r|\n))) *
(\"
| // Unterminated string literal
{
 Token t = new CommonToken(input, state.type, state.channel,
state.tokenStartCharIndex, getCharIndex()-1);
 t.setLine(state.tokenStartLine);
 t.setText(state.text);
 t.setCharacterPositionInLine(state.tokenStartCharPositionInLine);
 grammarError(ErrorType.UNTERMINATED_STRING_LITERAL, t);
}
)
;

// A valid hex digit specification
//
fragment
HEX_DIGIT : ('0'..'9'|'a'..'f'|'A'..'F') ;

// Any kind of escaped character that we can embed within ANTLR
// literal strings.
//
fragment
ESC_SEQ
: \"
(
 // The standard escaped character set such as tab, newline, etc...
 'b'|'t'|'n'|'f'|'r'|'\"'|'\\'

 | // A Java style Unicode escape sequence
 UNICODE_ESC

```

```

 |// A Swift/Hack style Unicode escape sequence
 UNICODE_EXTENDED_ESC

 |// An illegal escape sequence
 ~(b|t|n|f|r|\|\\|u) // \x for any invalid x (make sure to match char here)
 {
 Token t = new CommonToken(input,
state.type, state.channel, getCharIndex()-2, getCharIndex()-1);
 t.setText(t.getText());
 t.setLine(input.getLine());
 t.setCharPositionInLine(input.getCharPositionInLine()-2);
 grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t, input.substring(getCharIndex()-
2,getCharIndex()-1));
 }
)
;

```

fragment

UNICODE\_ESC

@init {

```

// Flag to tell us whether we have a valid number of
// hex digits in the escape sequence
//

```

```

//

```

```

int hCount = 0;
}

```

```

}

```

```

: 'u' // Leadin for unicode escape sequence

```

```

// We now require 4 hex digits. Note though
// that we accept any number of characters
// and issue an error if we do not get 4. We cannot
// use an infinite count such as + because this
// might consume too many, so we lay out the lexical
// options and issue an error at the invalid paths.
//

```

```

//

```

```

(

```

```

(

```

```

 HEX_DIGIT { hCount++; }

```

```

(

```

```

 HEX_DIGIT { hCount++; }

```

```

(

```

```

 HEX_DIGIT { hCount++; }

```

```

(

```

```

 // Four valid hex digits, we are good

```

```

//

```

```

 HEX_DIGIT { hCount++; }

```

```

 |// Three valid digits
)

 |// Two valid digits
)

 |// One valid digit
)
)
 |// No valid hex digits at all
)

// Now check the digit count and issue an error if we need to
//
{
 if (hCount < 4) {
 Interval badRange = Interval.of(getCharIndex()-2-hCount, getCharIndex());
 String lastChar = input.substring(badRange.b, badRange.b);
 if (lastChar.codePointAt(0)=="\") {
 badRange.b--;
 }
 String bad = input.substring(badRange.a, badRange.b);
 Token t = new CommonToken(input, state.type, state.channel, badRange.a, badRange.b);
 t.setLine(input.getLine());
 t.setCharacterPositionInLine(input.getCharacterPositionInLine()-hCount-2);
 grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE,
t, bad);
 }
}
;

```

fragment

UNICODE\_EXTENDED\_ESC

: 'u{' // Leadin for unicode extended escape sequence

HEX\_DIGIT+ // One or more hexadecimal digits

}' // Leadout for unicode extended escape sequence

```

// Now check the digit count and issue an error if we need to
{
 int numDigits = getCharIndex()-state.tokenStartCharIndex-6;
 if (numDigits > 6) {
 Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-
1);
 t.setText(t.getText());
 t.setLine(input.getLine());
 }
}

```

```

 t.setCharPositionInLine(input.getCharPositionInLine()-numDigits);
 grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t,
input.substring(state.tokenStartCharIndex,getCharIndex()-1));
 }
}
;

// -----
//
// Whitespace
//
// Characters and character constructs that are of no import
// to the parser and are used to make the grammar easier to read
// for humans.
//
//
WS
: (
 ' '
 | '\t'
 | '\r'
 | '\n'
 | '\f'
)+
 {$channel=HIDDEN;}
;

// A fragment rule for use in recognizing end of line in
// rules like COMMENT.
//
fragment
NLCHARS
: '\n' | '\r'
;

// A fragment rule for recognizing traditional whitespace
// characters within lexer rules.
//
fragment
WSCHARS
: ' ' | '\t' | '\f'
;

// A fragment rule for recognizing both traditional whitespace and
// end of line markers, when we don't care to distinguish but don't
// want any action code going on.
//
fragment
WSNLCHARS

```

```

: ' | \t | \f | \n | \r'
;

// This rule allows ANTLR 4 to parse grammars using the UTF-8 encoding with a
// byte order mark. Since this Unicode character doesn't appear as a token
// anywhere else in the grammar, we can simply skip all instances
// of it without
// problem. This rule will not break usage of \uFEFF inside a LEXER_CHAR_SET or
// STRING_LITERAL.
UnicodeBOM
: '\uFEFF' {skip();}
;

// -----
// Illegal Character
//
// This is an illegal character trap which is always the last rule in the
// lexer specification. It matches a single character of any value and being
// the last rule in the file will match when no other rule knows what to do
// about the character. It is reported as an error but is not passed on to the
// parser. This means that the parser to deal with the gramamr file anyway
// but we will not try to analyse or code generate from a file with lexical
// errors.
//
ERRCHAR
: .
{
 Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
 t.setLine(state.tokenStartLine);
 t.setText(state.text);
 t.setCharPositionInLine(state.tokenStartCharPositionInLine);
 String msg = getTokenErrorDisplay(t)
+ " came as a complete surprise to me";
 grammarError(ErrorType.SYNTAX_ERROR, t, msg);
 state.syntaxErrors++;
 skip();
}
;

```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/parse/ANTLRLexer.g
```

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\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/parse/ANTLRParser.java

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\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-  
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jar/org/antlr/v4/parse/ATNBuilder.java

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*/

```

```

/** The definitive ANTLR v3 tree grammar to walk/visit ANTLR v4 grammars.

```

```

* Parses trees created by ANTLRParser.g.
*
* Rather than have multiple tree grammars, one for each visit, I'm
* creating this generic visitor that knows about context. All of the
* boilerplate pattern recognition is done here. Then, subclasses can
* override the methods they care about.

```

```

This prevents a lot of the same

```

```

* context tracking stuff like "set current alternative for current
* rule node" that is repeated in lots of tree filters.
*/

```

```

tree grammar GrammarTreeVisitor;
options {
language = Java;
tokenVocab = ANTLRParser;
ASTLabelType = GrammarAST;
}

```

```
// Include the copyright in this source and also the generated source
@header {
/*
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```

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```
*/
package org.antlr.v4.parse;
import org.antlr.v4.Tool;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.lang.reflect.InvocationTargetException;
import java.lang.reflect.Method;
}

@members
{
public String grammarName;
public GrammarAST currentRuleAST;
public String currentModeName = LexerGrammar.DEFAULT_MODE_NAME;
public String currentRuleName;
public GrammarAST currentOuterAltRoot;
public int currentOuterAltNumber = 1; // 1..n
public int rewriteEBNFLevel = 0;
```

```

public GrammarTreeVisitor() { this(null); }

// Should be abstract but can't make gen'd parser abstract;
// subclasses should implement else everything goes to stderr!
public ErrorManager getErrorManager() { return null; }

public void visitGrammar(GrammarAST t) { visit(t, "grammarSpec"); }
public void visit(GrammarAST t, String ruleName) {
 CommonTreeNodeStream nodes = new CommonTreeNodeStream(new GrammarASTAdaptor(), t);
 setTreeNodeStream(nodes);
 try {
 Method m = getClass().getMethod(ruleName);
 m.invoke(this);
 }
 catch (Throwable e) {
 ErrorManager errMgr = getErrorManager();
 if (e instanceof InvocationTargetException) {
 e = e.getCause();
 }
 //e.printStackTrace(System.err);
 if
 (errMgr==null) {
 System.err.println("can't find rule "+ruleName+
 " or tree structure error: "+t.toStringTree()
);
 e.printStackTrace(System.err);
 }
 else errMgr.toolError(ErrorType.INTERNAL_ERROR, e);
 }
}

public void discoverGrammar(GrammarRootAST root, GrammarAST ID) { }
public void finishPrequels(GrammarAST firstPrequel) { }
public void finishGrammar(GrammarRootAST root, GrammarAST ID) { }

public void grammarOption(GrammarAST ID, GrammarAST valueAST) { }
public void ruleOption(GrammarAST ID, GrammarAST valueAST) { }
public void blockOption(GrammarAST ID, GrammarAST valueAST) { }
public void defineToken(GrammarAST ID) { }
public void defineChannel(GrammarAST ID) { }
public void globalNamedAction(GrammarAST scope, GrammarAST ID, ActionAST action) { }
public void importGrammar(GrammarAST label, GrammarAST ID) { }

public void modeDef(GrammarAST m, GrammarAST ID) { }

public void discoverRules(GrammarAST rules) { }
public void finishRules(GrammarAST

```

```

rule) { }
public void discoverRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
 ActionAST arg, ActionAST returns, GrammarAST thrws,
 GrammarAST options, ActionAST locals,
 List<GrammarAST> actions,
 GrammarAST block) { }
public void finishRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
public void discoverLexerRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
 GrammarAST block) { }
public void finishLexerRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
public void ruleCatch(GrammarAST arg, ActionAST action) { }
public void finallyAction(ActionAST action) { }
public void discoverOuterAlt(AltAST alt) { }
public void finishOuterAlt(AltAST alt) { }
public void discoverAlt(AltAST alt) { }
public void finishAlt(AltAST alt) { }

public void ruleRef(GrammarAST ref, ActionAST arg) { }
public void tokenRef(TerminalAST ref) { }
public void elementOption(GrammarASTWithOptions t, GrammarAST ID, GrammarAST
 valueAST) { }
public void stringRef(TerminalAST ref) { }
public void wildcardRef(GrammarAST ref) { }
public void actionInAlt(ActionAST action) { }
public void sempredInAlt(PredAST pred) { }
public void label(GrammarAST op, GrammarAST ID, GrammarAST element) { }
public void lexerCallCommand(int outerAltNumber, GrammarAST ID, GrammarAST arg) { }
public void lexerCommand(int outerAltNumber, GrammarAST ID) { }

protected void enterGrammarSpec(GrammarAST tree) { }
protected void exitGrammarSpec(GrammarAST tree) { }

protected void enterPrequelConstructs(GrammarAST tree) { }
protected void exitPrequelConstructs(GrammarAST tree) { }

protected void enterPrequelConstruct(GrammarAST tree) { }
protected void exitPrequelConstruct(GrammarAST tree) { }

protected void enterOptionsSpec(GrammarAST tree) { }
protected void exitOptionsSpec(GrammarAST tree) { }

protected void enterOption(GrammarAST tree) { }
protected void exitOption(GrammarAST tree) { }

protected void enterOptionValue(GrammarAST
 tree) { }
protected void exitOptionValue(GrammarAST tree) { }

```

protected void enterDelegateGrammars(GrammarAST tree) { }

protected void exitDelegateGrammars(GrammarAST tree) { }

protected void enterDelegateGrammar(GrammarAST tree) { }

protected void exitDelegateGrammar(GrammarAST tree) { }

protected void enterTokensSpec(GrammarAST tree) { }

protected void exitTokensSpec(GrammarAST tree) { }

protected void enterTokenSpec(GrammarAST tree) { }

protected void exitTokenSpec(GrammarAST tree) { }

protected void enterChannelsSpec(GrammarAST tree) { }

protected void exitChannelsSpec(GrammarAST tree) { }

protected void enterChannelSpec(GrammarAST tree) { }

protected void exitChannelSpec(GrammarAST tree) { }

protected void enterAction(GrammarAST tree) { }

protected void exitAction(GrammarAST tree) { }

protected void enterRules(GrammarAST tree) { }

protected void exitRules(GrammarAST tree) { }

protected void enterMode(GrammarAST tree) { }

protected void exitMode(GrammarAST tree) { }

protected

void enterLexerRule(GrammarAST tree) { }

protected void exitLexerRule(GrammarAST tree) { }

protected void enterRule(GrammarAST tree) { }

protected void exitRule(GrammarAST tree) { }

protected void enterExceptionGroup(GrammarAST tree) { }

protected void exitExceptionGroup(GrammarAST tree) { }

protected void enterExceptionHandler(GrammarAST tree) { }

protected void exitExceptionHandler(GrammarAST tree) { }

protected void enterFinallyClause(GrammarAST tree) { }

protected void exitFinallyClause(GrammarAST tree) { }

protected void enterLocals(GrammarAST tree) { }

protected void exitLocals(GrammarAST tree) { }

protected void enterRuleReturns(GrammarAST tree) { }

protected void exitRuleReturns(GrammarAST tree) { }

protected void enterThrowsSpec(GrammarAST tree) { }  
protected void exitThrowsSpec(GrammarAST tree) { }

protected void enterRuleAction(GrammarAST tree) { }  
protected void exitRuleAction(GrammarAST tree) { }

protected void enterRuleModifier(GrammarAST tree) { }  
protected  
void exitRuleModifier(GrammarAST tree) { }

protected void enterLexerRuleBlock(GrammarAST tree) { }  
protected void exitLexerRuleBlock(GrammarAST tree) { }

protected void enterRuleBlock(GrammarAST tree) { }  
protected void exitRuleBlock(GrammarAST tree) { }

protected void enterLexerOuterAlternative(AltAST tree) { }  
protected void exitLexerOuterAlternative(AltAST tree) { }

protected void enterOuterAlternative(AltAST tree) { }  
protected void exitOuterAlternative(AltAST tree) { }

protected void enterLexerAlternative(GrammarAST tree) { }  
protected void exitLexerAlternative(GrammarAST tree) { }

protected void enterLexerElements(GrammarAST tree) { }  
protected void exitLexerElements(GrammarAST tree) { }

protected void enterLexerElement(GrammarAST tree) { }  
protected void exitLexerElement(GrammarAST tree) { }

protected void enterLabeledLexerElement(GrammarAST tree) { }  
protected void exitLabeledLexerElement(GrammarAST tree) { }

protected void enterLexerBlock(GrammarAST tree) { }  
protected  
void exitLexerBlock(GrammarAST tree) { }

protected void enterLexerAtom(GrammarAST tree) { }  
protected void exitLexerAtom(GrammarAST tree) { }

protected void enterActionElement(GrammarAST tree) { }  
protected void exitActionElement(GrammarAST tree) { }

protected void enterAlternative(AltAST tree) { }  
protected void exitAlternative(AltAST tree) { }

protected void enterLexerCommand(GrammarAST tree) { }

protected void exitLexerCommand(GrammarAST tree) { }

protected void enterLexerCommandExpr(GrammarAST tree) { }

protected void exitLexerCommandExpr(GrammarAST tree) { }

protected void enterElement(GrammarAST tree) { }

protected void exitElement(GrammarAST tree) { }

protected void enterAstOperand(GrammarAST tree) { }

protected void exitAstOperand(GrammarAST tree) { }

protected void enterLabeledElement(GrammarAST tree) { }

protected void exitLabeledElement(GrammarAST tree) { }

protected void enterSubrule(GrammarAST tree) { }

protected void exitSubrule(GrammarAST tree) { }

protected

void enterLexerSubrule(GrammarAST tree) { }

protected void exitLexerSubrule(GrammarAST tree) { }

protected void enterBlockSuffix(GrammarAST tree) { }

protected void exitBlockSuffix(GrammarAST tree) { }

protected void enterEbnfSuffix(GrammarAST tree) { }

protected void exitEbnfSuffix(GrammarAST tree) { }

protected void enterAtom(GrammarAST tree) { }

protected void exitAtom(GrammarAST tree) { }

protected void enterBlockSet(GrammarAST tree) { }

protected void exitBlockSet(GrammarAST tree) { }

protected void enterSetElement(GrammarAST tree) { }

protected void exitSetElement(GrammarAST tree) { }

protected void enterBlock(GrammarAST tree) { }

protected void exitBlock(GrammarAST tree) { }

protected void enterRuleref(GrammarAST tree) { }

protected void exitRuleref(GrammarAST tree) { }

protected void enterRange(GrammarAST tree) { }

protected void exitRange(GrammarAST tree) { }

protected void enterTerminal(GrammarAST tree) { }

protected void exitTerminal(GrammarAST tree) { }

```

protected
void enterElementOptions(GrammarAST tree) { }
protected void exitElementOptions(GrammarAST tree) { }

protected void enterElementOption(GrammarAST tree) { }
protected void exitElementOption(GrammarAST tree) { }

@Override
public void traceIn(String ruleName, int ruleIndex) {
 System.err.println("enter "+ruleName+": "+input.LT(1));
}

@Override
public void traceOut(String ruleName, int ruleIndex) {
 System.err.println("exit "+ruleName+": "+input.LT(1));
}
}

grammarSpec
@init {
 enterGrammarSpec($start);
}
@after {
 exitGrammarSpec($start);
}
: ^(GRAMMAR ID {grammarName=$ID.text;}
 {discoverGrammar((GrammarRootAST)$GRAMMAR, $ID);}
 prequelConstructs
 {finishPrequels($prequelConstructs.firstOne);}
 rules mode*
 {finishGrammar((GrammarRootAST)$GRAMMAR, $ID);}
)
;

prequelConstructs returns [GrammarAST firstOne=null]
@init {
 enterPrequelConstructs($start);
}
@after {
 exitPrequelConstructs($start);
}
: {$firstOne=$start;} prequelConstruct+
|
;

prequelConstruct
@init

```



```

{
enterPrequelConstructs($start);
}
@after {
exitPrequelConstructs($start);
}
: optionsSpec
| delegateGrammars
| tokensSpec
| channelsSpec
| action
;

optionsSpec
@init {
enterOptionsSpec($start);
}
@after {
exitOptionsSpec($start);
}
: ^(OPTIONS option*)
;

option
@init {
enterOption($start);
boolean rule = inContext("RULE ...");
boolean block = inContext("BLOCK ...");
}
@after {
exitOption($start);
}
: ^(a=ASSIGN ID v=optionValue)
{
if (block) blockOption($ID, $v.start); // most specific first
else if (rule) ruleOption($ID, $v.start);
else grammarOption($ID, $v.start);
}
;

optionValue returns [String v]
@init {
enterOptionValue($start);
$v = $start.token.getText();
}
@after {
exitOptionValue($start);
}

```

```
: ID
| STRING_LITERAL
| INT
;
```

delegateGrammars

```
@init {
 enterDelegateGrammars($start);
}
@after {
 exitDelegateGrammars($start);
}
: ^(IMPORT
 delegateGrammar+)
;
```

delegateGrammar

```
@init {
 enterDelegateGrammar($start);
}
@after {
 exitDelegateGrammar($start);
}
: ^(ASSIGN label=ID id=ID) {importGrammar($label, $id);}
| id=ID {importGrammar(null, $id);}
;
```

tokensSpec

```
@init {
 enterTokensSpec($start);
}
@after {
 exitTokensSpec($start);
}
: ^(TOKENS_SPEC tokenSpec+)
;
```

tokenSpec

```
@init {
 enterTokenSpec($start);
}
@after {
 exitTokenSpec($start);
}
: ID {defineToken($ID);}
;
```

channelsSpec

```

@init {
 enterChannelsSpec($start);
}
@after {
 exitChannelsSpec($start);
}
: ^(CHANNELS channelSpec+)
;

channelSpec
@init {
 enterChannelSpec($start);
}
@after {
 exitChannelSpec($start);
}
: ID {defineChannel($ID);}
;

action
@init {
 enterAction($start);
}
@after {
 exitAction($start);
}
: ^(AT sc=ID? name=ID ACTION) {globalNamedAction($sc, $name, (ActionAST)$ACTION);}
;

rules
@init {
 enterRules($start);
}
@after {
 exitRules($start);
}
: ^(RULES {discoverRules($RULES);} (rule|lexerRule)*
{finishRules($RULES);})
;

mode
@init {
 enterMode($start);
}
@after {
 exitMode($start);
}
: ^(MODE ID {currentModeName=$ID.text; modeDef($MODE, $ID);} lexerRule*)

```

```

;

lexerRule
@init {
 enterLexerRule($start);
 List<GrammarAST> mods = new ArrayList<GrammarAST>();
 currentOuterAltNumber=0;
}
@after {
 exitLexerRule($start);
}
: ^(RULE TOKEN_REF
 {currentRuleName=$TOKEN_REF.text; currentRuleAST=$RULE;}
 (^ (RULEMODIFIERS m=FRAGMENT {mods.add($m);}))?
 {discoverLexerRule((RuleAST)$RULE, $TOKEN_REF, mods, (GrammarAST)input.LT(1));}
 lexerRuleBlock
 {
 finishLexerRule((RuleAST)$RULE, $TOKEN_REF, $lexerRuleBlock.start);
 currentRuleName=null; currentRuleAST=null;
 }
)
;

```

```

rule
@init {
 enterRule($start);
 List<GrammarAST> mods = new ArrayList<GrammarAST>();
 List<GrammarAST> actions = new ArrayList<GrammarAST>(); // track roots
 currentOuterAltNumber=0;
}
@after {
 exitRule($start);
}
: ^(RULE RULE_REF {currentRuleName=$RULE_REF.text;
currentRuleAST=$RULE;}
 (^ (RULEMODIFIERS (m=ruleModifier {mods.add($m.start);}))+)?)
 ARG_ACTION?
 ret=ruleReturns?
 thr=throwsSpec?
 loc=locals?
 (opts=optionsSpec
 | a=ruleAction {actions.add($a.start);}
)*
 {discoverRule((RuleAST)$RULE, $RULE_REF, mods, (ActionAST)$ARG_ACTION,
 $ret.start!=null?(ActionAST)$ret.start.getChild(0):null,
 $thr.start, $opts.start,
 $loc.start!=null?(ActionAST)$loc.start.getChild(0):null,
 actions, (GrammarAST)input.LT(1));}

```

```

ruleBlock exceptionGroup
 {finishRule((RuleAST)$RULE, $RULE_REF, $ruleBlock.start); currentRuleName=null; currentRuleAST=null;}
)
;

exceptionGroup
@init {
 enterExceptionGroup($start);
}
@after {
 exitExceptionGroup($start);
}
: exceptionHandler* finallyClause?
;

exceptionHandler
@init {
 enterExceptionHandler($start);
}
@after {
 exitExceptionHandler($start);
}
: ^(CATCH ARG_ACTION ACTION) {ruleCatch($ARG_ACTION,
(ActionAST)$ACTION);}
;

finallyClause
@init {
 enterFinallyClause($start);
}
@after {
 exitFinallyClause($start);
}
: ^(FINALLY ACTION) {finallyAction((ActionAST)$ACTION);}
;

locals
@init {
 enterLocals($start);
}
@after {
 exitLocals($start);
}
: ^(LOCALS ARG_ACTION)
;

ruleReturns
@init {

```

```
enterRuleReturns($start);
}
@after {
exitRuleReturns($start);
}
: ^(RETURNS ARG_ACTION)
;
```

```
throwsSpec
@init {
enterThrowsSpec($start);
}
@after {
exitThrowsSpec($start);
}
: ^(THROWS ID+)
;
```

```
ruleAction
@init {
enterRuleAction($start);
}
@after {
exitRuleAction($start);
}
: ^(AT ID ACTION)
;
```

```
ruleModifier
@init {
enterRuleModifier($start);
}
@after {
exitRuleModifier($start);
}
: PUBLIC
| PRIVATE
| PROTECTED
| FRAGMENT
;
```

```
lexerRuleBlock
@init {
enterLexerRuleBlock($start);
}
@after {
exitLexerRuleBlock($start);
}
}
```

```

: ^(BLOCK
 ({
 currentOuterAltRoot = (GrammarAST)input.LT(1);
 currentOuterAltNumber++;
 }
 lexerOuterAlternative
)+
)
;

```

```

ruleBlock
@init {
 enterRuleBlock($start);
}
@after {
 exitRuleBlock($start);
}
: ^(BLOCK
 ({
 currentOuterAltRoot = (GrammarAST)input.LT(1);
 currentOuterAltNumber++;
 }
 outerAlternative
)+
)
;

```

```

lexerOuterAlternative
@init {
 enterLexerOuterAlternative((AltAST)$start);
 discoverOuterAlt((AltAST)$start);
}
@after {
 finishOuterAlt((AltAST)$start);
 exitLexerOuterAlternative((AltAST)$start);
}
: lexerAlternative
;

```

```

outerAlternative
@init {
 enterOuterAlternative((AltAST)$start);
 discoverOuterAlt((AltAST)$start);
}
@after {
 finishOuterAlt((AltAST)$start);
 exitOuterAlternative((AltAST)$start);
}

```

```

}
: alternative
;

lexerAlternative
@init {
 enterLexerAlternative($start);
}
@after {
 exitLexerAlternative($start);
}
: ^(LEXER_ALT_ACTION lexerElements lexerCommand+)
 | lexerElements
;

lexerElements
@init {
 enterLexerElements($start);
}
@after {
 exitLexerElements($start);
}
: ^(ALT lexerElement+)
;

lexerElement
@init {
 enterLexerElement($start);
}
@after {
 exitLexerElement($start);
}
: labeledLexerElement
 | lexerAtom
 | lexerSubrule
 | ACTION {actionInAlt((ActionAST)$ACTION);}
 | SEMPRED {sempredInAlt((PredAST)$SEMPRED);}
 | ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
 | ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}
 | EPSILON
;

labeledLexerElement
@init {
 enterLabeledLexerElement($start);
}
@after {
 exitLabeledLexerElement($start);
}

```



```
}
: ^((ASSIGN|PLUS_ASSIGN) ID (lexerAtom|block))
;
```

```
lexerBlock
@init {
 enterLexerBlock($start);
}
@after {
 exitLexerBlock($start);
}
: ^(BLOCK optionsSpec? lexerAlternative+)
;
```

```
lexerAtom
@init {
 enterLexerAtom($start);
}
@after {
 exitLexerAtom($start);
}
: terminal
| ^(NOT blockSet)
| blockSet
| ^(WILDCARD elementOptions)
| WILDCARD
| LEXER_CHAR_SET
| range
| ruleref
;
```

```
actionElement
@init {
 enterActionElement($start);
}
@after
{
 exitActionElement($start);
}
: ACTION
| ^(ACTION elementOptions)
| SEMPRED
| ^(SEMPRED elementOptions)
;
```

```
alternative
@init {
 enterAlternative((AltAST)$start);
```

```

discoverAlt((AltAST)$start);
}
@after {
finishAlt((AltAST)$start);
exitAlternative((AltAST)$start);
}
: ^(ALT elementOptions? element+)
| ^(ALT elementOptions? EPSILON)
;

```

lexerCommand

```

@init {
enterLexerCommand($start);
}
@after {
exitLexerCommand($start);
}
: ^(LEXER_ACTION_CALL ID lexerCommandExpr)
 {lexerCallCommand(currentOuterAltNumber, $ID, $lexerCommandExpr.start);}
| ID
 {lexerCommand(currentOuterAltNumber, $ID);}
;

```

lexerCommandExpr

```

@init {
enterLexerCommandExpr($start);
}
@after {
exitLexerCommandExpr($start);
}
: ID
| INT
;

```

element

```

@init {
enterElement($start);
}
@after {
exitElement($start);
}
: labeledElement
| atom
| subrule
| ACTION {actionInAlt((ActionAST)$ACTION);}
| SEMPRED {sempredInAlt((PredAST)$SEMPRED);}
|

```

```

 ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
 | ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}
 | range
 | ^(NOT blockSet)
 | ^(NOT block)
 ;

astOperand
@init {
 enterAstOperand($start);
}
@after {
 exitAstOperand($start);
}
: atom
| ^(NOT blockSet)
| ^(NOT block)
;

labeledElement
@init {
 enterLabeledElement($start);
}
@after {
 exitLabeledElement($start);
}
: ^((ASSIGN|PLUS_ASSIGN) ID element) {label($start, $ID, $element.start);}
;

subrule
@init {
 enterSubrule($start);
}
@after {
 exitSubrule($start);
}
: ^(blockSuffix block)
| block
;

lexerSubrule
@init {
 enterLexerSubrule($start);
}
@after {
 exitLexerSubrule($start);
}
: ^(blockSuffix lexerBlock)

```

```

| lexerBlock
;

blockSuffix
@init {
 enterBlockSuffix($start);
}
@after {
 exitBlockSuffix($start);
}
: ebnfSuffix
;

ebnfSuffix
@init {
 enterEbnfSuffix($start);
}
@after {
 exitEbnfSuffix($start);
}
: OPTIONAL
| CLOSURE
| POSITIVE_CLOSURE
;

atom
@init {
 enterAtom($start);
}
@after
{
 exitAtom($start);
}
: ^(DOT ID terminal)
| ^(DOT ID ruleref)
| ^(WILDCARD elementOptions) { wildcardRef($WILDCARD);}
| WILDCARD {wildcardRef($WILDCARD);}
| terminal
| blockSet
| ruleref
;

blockSet
@init {
 enterBlockSet($start);
}
@after {
 exitBlockSet($start);
}

```

```

}
: ^(SET setElement+)
;

setElement
@init {
 enterSetElement($start);
}
@after {
 exitSetElement($start);
}
: ^(STRING_LITERAL elementOptions) {stringRef((TerminalAST)$STRING_LITERAL);}
| ^(TOKEN_REF elementOptions) {tokenRef((TerminalAST)$TOKEN_REF);}
| STRING_LITERAL {stringRef((TerminalAST)$STRING_LITERAL);}
| TOKEN_REF {tokenRef((TerminalAST)$TOKEN_REF);}
| ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
{
 stringRef((TerminalAST)$a);
 stringRef((TerminalAST)$b);
}
| LEXER_CHAR_SET
;

block
@init {
 enterBlock($start);
}
@after {
 exitBlock($start);
}
: ^(BLOCK optionsSpec? ruleAction* ACTION?
alternative+)
;

ruleref
@init {
 enterRuleref($start);
}
@after {
 exitRuleref($start);
}
: ^(RULE_REF arg=ARG_ACTION? elementOptions?)
{
 ruleRef($RULE_REF, (ActionAST)$ARG_ACTION);
 if ($arg!=null) actionInAlt((ActionAST)$arg);
}
;

```

```

range
@init {
 enterRange($start);
}
@after {
 exitRange($start);
}
: ^(RANGE STRING_LITERAL STRING_LITERAL)
;

terminal
@init {
 enterTerminal($start);
}
@after {
 exitTerminal($start);
}
: ^(STRING_LITERAL elementOptions)
 {stringRef((TerminalAST)$STRING_LITERAL);}
| STRING_LITERAL {stringRef((TerminalAST)$STRING_LITERAL);}
| ^(TOKEN_REF elementOptions) {tokenRef((TerminalAST)$TOKEN_REF);}
| TOKEN_REF {tokenRef((TerminalAST)$TOKEN_REF);}
;

elementOptions
@init {
 enterElementOptions($start);
}
@after {
 exitElementOptions($start);
}
: ^(ELEMENT_OPTIONS elementOption[(GrammarASTWithOptions)$start.getParent()]*)
;

elementOption[GrammarASTWithOptions t]
@init {
 enterElementOption($start);
}
@after
{
 exitElementOption($start);
}
: ID {elementOption(t, $ID, null);}
| ^(ASSIGN id=ID v=ID) {elementOption(t, $id, $v);}
| ^(ASSIGN ID v=STRING_LITERAL) {elementOption(t, $ID, $v);}
| ^(ASSIGN ID v=ACTION) {elementOption(t, $ID, $v);}
| ^(ASSIGN ID v=INT) {elementOption(t, $ID, $v);}
;

```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/parse/GrammarTreeVisitor.g
```

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```

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```
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/tool/templates/codegen/Swift/Swift.stg
```

## 1.28 giflib 5.2.1

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## 1.29 glob 0.2.3

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## 1.31 purell 1.1.1

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## 1.32 commons-lang3 2.4

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## 1.33 google-uuid 1.1.2

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## 1.34 go-restful 2.9.5+incompatible

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# 1.35 asm 8.0.1

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```
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* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/Symbol.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/Type.java
*
/opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/ModuleVisitor.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/ClassWriter.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/FieldWriter.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/RecordComponentWriter.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/Context.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/Handler.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/Attribute.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/FieldVisitor.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-
jar/org/objectweb/asm/TypeReference.java
*
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- \* /opt/ws\_local/PERMITS\_SQL/1068774065\_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/package.html
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## 1.36 tre 0.8.0

### 1.36.1 Available under license :

This is the license, copyright notice, and disclaimer for TRE, a regex matching package (library and tools) with support for approximate matching.

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## 1.37 jctools-core 3.1.0

### 1.37.1 Available under license :

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<url>https://github.com/JCTools</url>
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 <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
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<developers>

```

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<developer>
 <url>https://github.com/nitsanw</url>
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<developer>
 <url>https://github.com/mjpt777</url>
</developer>
<developer>
 <url>https://github.com/RichardWarburton</url>
</developer>
<developer>
 <url>https://github.com/kay</url>
</developer>
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 <junit.version>4.12</junit.version>
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</properties>
</project>

```

#### Found

in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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Found in path(s):

- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Ordering.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
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- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpmcAtomicArrayQueue.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeJvmInfo.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
- \* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCLinkedQueue.java
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\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/IndexedQueueSizeUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-  
jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java

\*

/opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCGrowArrayQueue.java

\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/RangeUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815924\_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseSpSCLinkedListArrayQueue.java

## 1.38 xerces-j 2.12.2

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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/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
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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/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/GeneratorAdapter.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/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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```

```
/**
```

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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/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
```

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\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/package.html

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

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

\*

/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/tree/analysis/package.html

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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/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-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.
 */

```

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- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/xml/SAXClassAdapter.java
- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/xml/SAXAdapter.java
- \*
- /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/xml/ASMContentHandler.java
- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java

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jar/org/objectweb/asm/optimizer/ClassOptimizer.java

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/tree/analysis/Value.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Label.java  
 \*  
 /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Item.java  
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 jar/org/objectweb/asm/commons/StaticInitMerger.java  
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 jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java  
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 jar/org/objectweb/asm/AnnotationVisitor.java  
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 jar/org/objectweb/asm/commons/RemappingMethodAdapter.java  
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 jar/org/objectweb/asm/tree/analysis/Frame.java  
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 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/ClassWriter.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/commons/Remapper.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/tree/VarInsnNode.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/commons/LocalVariablesSorter.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/tree/AnnotationNode.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/tree/TypeInsnNode.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/util/TraceMethodVisitor.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Edge.java  
 \*  
 /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/commons/Method.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/tree/MethodNode.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/signature/SignatureWriter.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/tree/LocalVariableNode.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/tree/analysis/BasicVerifier.java  
 \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/tree/FrameNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Frame.java  
\*  
/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/ParameterNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/InnerClassNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/ClassReader.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/ByteVector.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/TableSwitchInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/RemappingClassAdapter.java  
\*  
/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/JarOptimizer.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/signature/SignatureReader.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/Shrinker.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/MethodInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/TryCatchBlockSorter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/TraceAnnotationVisitor.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/Subroutine.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/TryCatchBlockNode.java  
\*  
/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/CheckMethodAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/LabelNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Context.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/Interpreter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/SmallSet.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/optimizer/Constant.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/SourceValue.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/MethodWriter.java  
\*  
/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/IntInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Type.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/InsnList.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/MethodOptimizer.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/CheckClassAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Handler.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/CheckFieldAdapter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/analysis/Analyzer.java  
\*  
/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/FieldVisitor.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/FieldNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/LdcInsnNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/LineNumberNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/TraceSignatureVisitor.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/AnnotationWriter.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/TraceClassVisitor.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/util/CheckAnnotationAdapter.java  
\*  
/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/SimpleRemapper.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/tree/TypeAnnotationNode.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/optimizer/ConstantPool.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/TableSwitchGenerator.java  
\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

```

jar/org/objectweb/asm/signature/SignatureVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/AbstractInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
*
/opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/InsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Handle.java
*
/opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/AdviceAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/Printer.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
*
/opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/JumpInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/InstructionAdapter.java
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- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-writer.properties
- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-resize.properties
- \*
- /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-signatures.properties
- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-annotations.properties
- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-frames.properties

## 1.41 asm-analysis 5.0.3

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jar/org/objectweb/asm/xml/SAXAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/xml/SAXClassAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/xml/Processor.java  
\*

/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/xml/SAXCodeAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/xml/SAXFieldAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/xml/ASMContentHandler.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/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/ClassNode.java

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jar/org/objectweb/asm/util/Textifiable.java

\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/util/ASMifiable.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/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

```

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\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/xml/package.html

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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/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/util/Textifier.java

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```

* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/package.html

```

```

* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/package.html

```

```

* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/util/package.html

```

```

* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-

```

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

\*

/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-

jar/org/objectweb/asm/tree/analysis/package.html

\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-

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

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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/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java

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- \* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/shrink.properties
- \* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/shrink-annotations.properties
- \* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/shrink-signatures.properties
- \*
- /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/shrink-resize.properties
- \* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/shrink-writer.properties
- \* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-

jar/org/objectweb/asm/optimizer/shrink-frames.properties

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jar/org/objectweb/asm/TypeReference.java

\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-

jar/org/objectweb/asm/TypePath.java

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jar/org/objectweb/asm/tree/InsnList.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/FrameNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/util/TraceSignatureVisitor.java  
\*  
/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/StaticInitMerger.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/Frame.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/AnnotationWriter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/AnnotationVisitor.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/optimizer/Constant.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/Item.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/TypeAnnotationNode.java  
\*  
/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/optimizer/Shrinker.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/util/TraceClassVisitor.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/Context.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/JumpInsnNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/util/TraceFieldVisitor.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/FieldNode.java

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/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/util/CheckClassAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/tree/analysis/Interpreter.java  
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\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/MethodVisitor.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/tree/InsnNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/tree/LabelNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/signature/SignatureVisitor.java  
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/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/Label.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/tree/MethodInsnNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/util/CheckMethodAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/commons/Remapper.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java  
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\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java  
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\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/ByteVector.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/MethodOptimizer.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/util/ASMifier.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-

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jar/org/objectweb/asm/Attribute.java
*
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/commons/AdviceAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/util/Printer.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/Edge.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/Handler.java
*
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/LdcInsnNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/LineNumberNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/optimizer/JarOptimizer.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/optimizer/ClassOptimizer.java
*
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/Subroutine.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-

```

jar/org/objectweb/asm/util/TraceAnnotationVisitor.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/CodeSizeEvaluator.java  
\*  
/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/TryCatchBlockSorter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/analysis/Frame.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/analysis/Analyzer.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/Method.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/InstructionAdapter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/ClassVisitor.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/analysis/BasicValue.java  
\*  
/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/ClassReader.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/AnnotationNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/signature/SignatureReader.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/LocalVariablesSorter.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/optimizer/ConstantPool.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/AbstractInsnNode.java  
\*  
/opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/TableSwitchInsnNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/MethodNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/TryCatchBlockNode.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/optimizer/NameMapping.java  
\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/tree/TypeInsnNode.java

```

* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/commons/SimpleRemapper.java
*
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-jar/org/objectweb/asm/Handle.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/IntInsnNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/ParameterNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/commons/RemappingClassAdapter.java
*
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/FieldWriter.java
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/\*\*

\* Creates a new { @link GeneratorAdapter }. *<i>*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.

\*/

Found in path(s):

\* /opt/cola/permits/1135840377\_1613612970.36/0/asm-analysis-5-0-3-sources-1-  
jar/org/objectweb/asm/commons/GeneratorAdapter.java

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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/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java

```

## 1.42 asm-util 5.0.3

## 1.42.1 Available under license :

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\*

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\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/shrink-frames.properties

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* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/TypeReference.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 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/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

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\*

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\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Item.java

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/util/Printer.java

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/util/TraceSignatureVisitor.java

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/Method.java

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\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/analysis/Subroutine.java

\*

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\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/JarOptimizer.java

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\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/MethodOptimizer.java

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/IntInsnNode.java

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\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Type.java

\*

/opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/ClassOptimizer.java

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/util/TraceClassVisitor.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/NameMapping.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/TryCatchBlockSorter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/TypeInsnNode.java  
 \*  
 /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/util/CheckMethodAdapter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/Remapper.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/analysis/Interpreter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/FieldWriter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/MethodInsnNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/util/TraceMethodVisitor.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/AdviceAdapter.java  
 \*  
 /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/LocalVariableNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Frame.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/AnnotationWriter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/TableSwitchGenerator.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/SimpleRemapper.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Handle.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/AnnotationNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/util/TraceFieldVisitor.java  
 \*  
 /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/TryCatchBlockNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Attribute.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-



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jar/org/objectweb/asm/tree/InsnList.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/InnerClassNode.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/FieldNode.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
*
/opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/JumpInsnNode.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Context.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/util/CheckClassAdapter.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
*
/opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
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jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/LabelNode.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/ClassVisitor.java
*
/opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-

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jar/org/objectweb/asm/optimizer/Constant.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Opcodes.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/tree/analysis/SmallSet.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/tree/LdcInsnNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Edge.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/util/CheckAnnotationAdapter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/tree/VarInsnNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java  
 \*  
 /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/tree/InsnNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/commons/RemappingClassAdapter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/tree/InsnNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/tree/analysis/AnalyzerException.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/signature/SignatureVisitor.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/tree/analysis/Frame.java  
 \*  
 /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/commons/CodeSizeEvaluator.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/ByteVector.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/commons/InstructionAdapter.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/Label.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/tree/LineNumberNode.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/commons/StaticInitMerger.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/AnnotationVisitor.java  
 \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/signature/SignatureReader.java  
 \*  
 /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
 jar/org/objectweb/asm/optimizer/Shrinker.java

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/ParameterNode.java  
\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/MethodNode.java  
\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/analysis/Value.java  
\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/AbstractInsnNode.java  
\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/tree/analysis/BasicValue.java  
\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java

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- \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
- \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/xml/SAXAdapter.java
- \*
- /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/xml/ASMContentHandler.java
- \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
- \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
- \* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/xml/SAXClassAdapter.java

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

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

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jar/org/objectweb/asm/tree/analysis/package.html

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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.
 */

```

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* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
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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/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-  
jar/org/objectweb/asm/util/Textifier.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/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-

jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.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 `null`.

\* @throws IllegalStateException

\* If a subclass calls this constructor.

\*/

Found in path(s):

\* /opt/cola/permits/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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```

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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/1135839966\_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/commons/GeneratorAdapter.java

## 1.43 commons-logging 1.2

### 1.43.1 Available under license :

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 */
```

Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogFactory.java

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Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/AvalonLogger.java

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Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/WeakHashtable.java

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Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/package.html

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/package.html

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```

Found in path(s):

```
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/LogConfigurationException.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/Log4JLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/LogFactoryImpl.java
*
/opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/SimpleLog.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/Jdk14Logger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/LogSource.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/NoOpLog.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/LogKitLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/Log.java
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```
*/opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/ServletContextCleaner.java
```

## 1.44 bcel 2.7.2

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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
*/
/**
* This is a special exception that is used to stop parsing when
* search for an element. For instance, when searching
* for xml:stylesheet
* PIs, it is used to stop the parse once the document element is found.
* @see StylesheetPIHandler
* @xsl.usage internal
*/
```

Found in path(s):

```
*/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/utils/StopParseException.java
```

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 */
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/transformer/QueuedEvents.java
*
 /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/XslAttribute.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/dtm/ref/NodeLocator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToStream.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/runtime/MessageHandler.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/dom/KeyIndex.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ElemDesc.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/templates/ElemForEach.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/patterns/ContextMatchStepPattern.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/res/XPATHErrorResources_zh.java
*
 /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/functions/FuncBoolean.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/util/NodeSetType.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/CurrentCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
```



jar/org/apache/xalan/xsltc/trax/TransformerHandlerImpl.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/When.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/util/SecuritySupport.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/axes/WalkingIteratorSorted.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/templates/ElemWhen.java  
 \*  
 /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/utils/SerializerMessages\_ja.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/utils/SerializerMessages\_zh\_CN.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/functions/FuncSubstring.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/trax/TrAXFilter.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/functions/FuncConcat.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/utils/SerializerMessages\_zh\_CN.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/util/ErrorMessageMessages\_ko.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/functions/Function.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/trax/XSLTSource.java  
 \*  
 /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/axes/AttributeIterator.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/utils/StringToIntTable.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/dom/LoadDocument.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/runtime/ObjectFactory.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/transformer/NumeratorFormatter.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/utils/SerializerMessages\_hu.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/runtime/SecuritySupport.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/util/ErrorMessageMessages\_zh.java  
 \*  
 /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Equals.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xalan/xsltc/compiler/Pattern.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/processor/ProcessorExsltFuncResult.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/DOMEhancedForDTM.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/SecuritySupport.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/dom/MatchingIterator.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/functions/FuncNot.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/processor/XSLTAttributeDef.java  
 \*  
 /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/utils/StringToStringTableVector.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/If.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/dom/ObjectFactory.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/SerializerTraceWriter.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Lt.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/PrefixResolver.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/res/XSLTErrorResources\_en.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/ToTextSAXHandler.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/utils/res/StringArrayWrapper.java  
 \*  
 /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/Choose.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/templates/ElemFallback.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/transformer/XalanProperties.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/functions/FuncUnparsedEntityURI.java  
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 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/ExtendedType.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_ru.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/ForwardPositionIterator.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncPosition.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltBase.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/WriterChain.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NumberCall.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NodeTest.java

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/opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/PooledConnection.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Otherwise.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/jaxp/JAXPExtensionsProvider.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_ja.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/NodeConsumer.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/DOMOutputImpl.java  
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/opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/SecuritySupport.java  
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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/KeyRefIterator.java  
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 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Method.java  
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 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/WithParam.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/dom/FilteredStepIterator.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/transformer/CountersTable.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/TreeWalker.java  
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 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLMessages.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
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 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/dtm/ref/CoroutineParser.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/domapi/XPathResultImpl.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

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jar/org/apache/xml/serializer/ToTextStream.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathAPI.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/dom/BitArray.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/runtime/ErrorMessage_it.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltMath.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/templates/ElemEmpty.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/runtime/output/TransletOutputHandlerFactory.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/WhitespaceInfoPaths.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/NodeSetDTM.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-

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jar/org/apache/xpath/operations/Number.java  
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jar/org/apache/xalan/res/XSLTErrorResources_de.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/transformer/ResultNameSpace.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/ProcessorLRE.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/utils/SerializerMessages_fr.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/trax/ObjectFactory.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/utils/res/XResources_ja_JP_A.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Gt.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/res/XMLErrorResources_fr.java
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/res/XMLErrorResources_cs.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/dtm/DTMConfigurationException.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/dtm/ref/DTMNodeList.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/Axis.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/templates/XUnresolvedVariable.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/functions/FuncFalse.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/SecuritySupport.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage_sl.java
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/dom/AbsoluteIterator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/dom/CurrentNodeListIterator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/IllegalCharException.java
No license file was found, but licenses were detected in source scan.

```

```

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 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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 * limitations under the License.
 */
 */
 */
 * $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
 */
package org.apache.xalan;

/**
 * Administrative
 * class to keep track of the version number of
 * the Xalan release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information. This class will replace the older
 * org.apache.xalan.processor.Version class.</P>
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties for
 * information about the version of the XSLT spec we support.</P>
 * @xsl.usage general
 */
public class Version
{

/**
 * Get the basic version string for the current Xalan release.
 * Version String formatted like
 * <CODE>"Xalan Java v.r[.dd] Dnn]"</CODE>.
 *
 * Futurework: have this read version info from jar manifest.
 *
 * @return String denoting our current version
 */
public static String getVersion()
{

```

```

return getProduct()+" "+getImplementationLanguage()+" "
 +getMajorVersionNum()+"."+getReleaseVersionNum()+"."

 +((getDevelopmentVersionNum() > 0) ?
 ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
}

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
 System.out.println(getVersion());
}

/**
 * Name of product: Xalan.
 */
public static String getProduct()
{
 return "Xalan";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
 return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 *
 * may have changed.
 */
public static int getMajorVersionNum()
{

```

```

return @version.VERSION@;

}

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,
 * implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
 return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static int getMaintenanceVersionNum()
{
 return
 @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.

```



```

*/
public static int getDevelopmentVersionNum()
{
 try {
 if ((new String("@version.DEVELOPER@")).length() == 0)
 return 0;
 else
 return Integer.parseInt("@version.DEVELOPER@");
 } catch (NumberFormatException nfe) {
 return 0;
 }
}
}
}

```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.src  
No license file was found, but licenses were detected in source scan.

```

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* limitations under the License.
*/
/*
* $Id: Version.src 468654 2006-10-28 07:09:23Z minchau $
*/
package org.apache.xml.serializer;

/**
* Administrative class to keep track of the version number of
* the Serializer release.
* <P>This class implements the upcoming standard of having
* org.apache.project-name.Version.getVersion() be a standard way
* to get version information.</P>
* @xsl.usage general
*/

```

```

public final class Version
{

/**
 * Get the basic version string for the current Serializer.
 * Version String formatted like
 * <CODE>"Serializer Java v.r[.dd| Dnn]"</CODE>.
 *
 * Futurework: have this read version info from jar manifest.
 *
 * @return String denoting our current version
 */
public static String getVersion()
{
 return getProduct()+" "+getImplementationLanguage()+" "
 +getMajorVersionNum()+". "+getReleaseVersionNum()+". "
 +(getDevelopmentVersionNum() > 0) ?
 ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum());
}

/**
 * Print the processor version to the command
line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
 System.out.println(getVersion());
}

/**
 * Name of product: Serializer.
 */
public static String getProduct()
{
 return "Serializer";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
 return "Java";
}
}

```

```

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */

```

```

public static int getMajorVersionNum()
{
 return @version.VERSION@;
}

```

```

/**
 * Release Number.
 * Release number. This
changes when:
 * - a new set of functionality is to be added, eg,
 * implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */

```

```

public static int getReleaseVersionNum()
{
 return @version.RELEASE@;
}

```

```

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */

```

```

public static int getMaintenanceVersionNum()
{
 return @version.MINOR@;
}

```

```

/**
 * Development Drop Number.
 * Optional identifier designates development drop of

```

```

* a specific release. D01 is the first development
drop
* of a new release.
*
* Development drops are works in progress towards a
* completed, final release. A specific development drop
* may not completely implement all aspects of a new
* feature, which may take several development drops to
* complete. At the point of the final drop for the
* release, the D suffix will be omitted.
*
* Each 'D' drops can contain functional enhancements as
* well as defect fixes. 'D' drops may not be as stable as
* the final releases.
*/

```

```

public static int getDevelopmentVersionNum()
{
 try {
 if ((new String("@version.DEVELOPER@")).length() == 0)
 return 0;
 else
 return Integer.parseInt("@version.DEVELOPER@");
 } catch (NumberFormatException nfe) {
 return 0;
 }
}
}
}

```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.src

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* http://www.apache.org/licenses/LICENSE-2.0
*
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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
*/

```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XPathLexer.java

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\*/

// Proprietary

/\*\* The 'document-location()' id (Proprietary). \*/

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/FunctionTable.java

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\*/

```
/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent
enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/XSLProcessorVersion.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java
No license file was found, but licenses were detected in source scan.
```

```
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 * 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.
 */
```

```
/*
 * $Id: xpath.cup 1225752 2011-12-30 04:12:46Z mrglavas $
 */
```

```
/*
 * @author Jacek Ambroziak
 * @author
Santiago Pericas-Geertsen
 * @author Morten Jorgensen
 * @author G. Todd Miller
 */
```

```

package org.apache.xalan.xsltc.compiler;

import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;

import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xsltc.compiler.util.ErrorMsg;

parser code {
 /**
 * Used by function calls with no args.
 */
 static public final Vector EmptyArgs = new Vector(0);

 /**
 * Reference to non-existing variable.
 */
 static public final VariableRef DummyVarRef = null;

 /**
 * Reference to the Parser class.
 */
 private Parser _parser;
 private XSLTC _xsltc;

 /**
 * String representation of the expression being parsed.
 */
 private String _expression;

 /**
 * Line number where this expression/pattern
 was declared.
 */
 private int _lineNumber = 0;

 /**
 * Reference to the symbol table.
 */
 public SymbolTable _symbolTable;

 public XPathParser(Parser parser) {

```

```

 _parser = parser;
 _xslt = parser.getXSLTC();
 _symbolTable = parser.getSymbolTable();
}

public int getLineNumber() {
 return _lineNumber;
}

public QName getQNameIgnoreDefaultNs(String name) {
 return _parser.getQNameIgnoreDefaultNs(name);
}

public QName getQName(String namespace, String prefix, String localname) {
 return _parser.getQName(namespace, prefix, localname);
}

public void setMultiDocument(boolean flag) {
 _xslt.setMultiDocument(flag);
}

public void setCallsNodeset(boolean flag) {
 _xslt.setCallsNodeset(flag);
}

public void setHasIdCall(boolean flag) {
 _xslt.setHasIdCall(flag);
}

/**
 * This
method is similar to findNodeType(int, Object) except that it
 * creates a StepPattern instead of just returning a node type. It also
 * differs in the way it handles "{uri}:*" and "{uri}:@*". The last two
 * patterns are expanded as "[namespace-uri() = 'uri']" and
 * "@*[namespace-uri() = 'uri']", respectively. This expansion considerably
 * simplifies the grouping of patterns in the Mode class. For this
 * expansion to be correct, the priority of the pattern/template must be
 * set to -0.25 (when no other predicates are present).
 */
public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
int nodeType;

if (test == null) { // "*"
 nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;

```



```

return new StepPattern(axis, nodeType, predicates);
 }
 else if (test instanceof Integer) {
nodeType = ((Integer) test).intValue();

return new StepPattern(axis, nodeType, predicates);
 }
 else {
QName name = (QName)test;
boolean setPriority = false;

if (axis == Axis.NAMESPACE) {
nodeType = (name.toString().equals("*")) ? -1
: _xsltC.registerNamespacePrefix(name);;
 }
 else {
final String uri = name.getNamespace();
final String local = name.getLocalPart();
final QName namespace_uri =
 _parser.getQNameIgnoreDefaultNs("namespace-uri");

// Expand {uri}:* to *[namespace-uri() = 'uri'] - same for @*
if (uri != null && (local.equals("") || local.equals("@*"))) {
 if (predicates == null) {
predicates = new Vector(2);
 }

// Priority is set by hand if no other predicates exist
setPriority = (predicates.size() == 0);

 predicates.add(
new Predicate(
 new EqualityExpr(Operators.EQ,
new NamespaceUriCall(namespace_uri),
new LiteralExpr(uri))););
}

if (local.equals(""))
{
 nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
: NodeTest.ELEMENT;
}
else if (local.equals("@*")) {
 nodeType = NodeTest.ATTRIBUTE;
}
else {
 nodeType = (axis == Axis.ATTRIBUTE) ? _xsltC.registerAttribute(name)

```

```

: _xslt.registerElement(name);
}
}

final StepPattern result = new StepPattern(axis, nodeType, predicates);

// Set priority for case prefix:* and prefix:@* (no predicates)
if (setPriority) {
result.setPriority(-0.25);
}

return result;
}
}

public int findNodeType(int axis, Object test) {
if (test == null) { // *
return (axis == Axis.ATTRIBUTE) ?
NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
}
else if (test instanceof Integer) {
return ((Integer)test).intValue();
}
else {
QName name = (QName)test;

if (axis == Axis.NAMESPACE) {
return (name.toString().equals("*"))
? -1
: _xslt.registerNamespacePrefix(name);
}

if (name.getNamespace() == null) {
final String local = name.getLocalPart();

if (local.equals("*")) {
return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
: NodeTest.ELEMENT;
}
else if (local.equals("@*")) {
return NodeTest.ATTRIBUTE;
}
}

return (axis == Axis.ATTRIBUTE) ? _xslt.registerAttribute(name)
: _xslt.registerElement(name);
}
}

```

```

}

/**
 * Parse the expression passed to the current scanner. If this
 * expression contains references to local variables and it will be
 * compiled in an external module (not in the main class) request
 * the current template to create a new variable stack frame.
 *
 * @param lineNumber Line where the current expression is defined.
 * @param external Set to <tt>true</tt> if this expression is
 * compiled in a separate module.
 *
 */
public Symbol parse(String expression, int lineNumber) throws Exception {
 try {
 _expression = expression;
 _lineNumber = lineNumber;
 return super.parse();
 }
 catch (IllegalCharException e) {
 ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR,
 lineNumber, e.getMessage());
 _parser.reportError(Constants.FATAL, err);
 }
 return null;
}

/**
 * Lookup a variable or parameter in the symbol table given its name.
 *
 * @param name Name of the symbol being looked up.
 */
final SyntaxTreeNode lookupName(QName name) {
 // Is it a local var or param ?
 final SyntaxTreeNode result = _parser.lookupVariable(name);
 if (result != null)
 return(result);
 else
 return(_symbolTable.lookupName(name));
}

public final void addError(ErrorMsg error) {
 _parser.reportError(Constants.ERROR,
error);
}

public void report_error(String message, Object info) {

```

```

final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
 _expression);
_parser.reportError(Constants.FATAL, err);
}

public void report_fatal_error(String message, Object info) {
 // empty
}

public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
if (rlp instanceof Step) {
 return new ParentLocationPath(step, (Step) rlp);
}
else if (rlp instanceof ParentLocationPath) {
 final ParentLocationPath plp = (ParentLocationPath) rlp;
 final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
 return new ParentLocationPath(newrlp, plp.getStep());
}
else {
 addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep"));
 return rlp;
}
}

/**
 * Returns true if the axis applies to elements only. The axes
 * child, attribute, namespace, descendant
result in non-empty
 * nodesets only if the context node is of type element.
 */
public boolean isElementAxis(int axis) {
return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
axis == Axis.NAMESPACE || axis == Axis.DESCENDANT);
}
:}

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QNAME;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;

```

terminal Long INT;  
terminal PATTERN, EXPRESSION;

non terminal SyntaxTreeNode TopLevel;

non terminal Expression Expr, Argument, LocationPath;  
non terminal Expression Predicate, FilterExpr, Step;  
non  
terminal Expression OrExpr, AndExpr, EqualityExpr;  
non terminal Expression RelationalExpr, AdditiveExpr;  
non terminal Expression MultiplicativeExpr, UnaryExpr;  
non terminal Expression VariableReference, FunctionCall;  
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;  
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;  
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;  
non terminal Pattern Pattern;  
non terminal Pattern LocationPathPattern;  
non terminal StepPattern ProcessingInstructionPattern;  
non terminal RelativePathPattern RelativePathPattern;  
non terminal StepPattern StepPattern;  
non terminal Object NodeTestPattern, NameTestPattern;

non terminal Vector Predicates, NonemptyArgumentList;  
non terminal QName QName, FunctionName, VariableName;  
non terminal Integer AxisName, AxisSpecifier;  
non terminal  
Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;  
precedence left OR;  
precedence left AND;  
precedence nonassoc EQ, NE;  
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;  
precedence left DIV, MOD, MULT;  
precedence left DOLLAR;  
precedence left ATSIGN;  
precedence right DCOLON;

start with TopLevel;

TopLevel ::= PATTERN Pattern:pattern  
{ : RESULT = pattern; ; }

```

 | EXPRESSION Expr:expr
 {: RESULT = expr; :};

/* ----- Patterns ----- */

Pattern ::= LocationPathPattern:lpp
 {: RESULT = lpp; :}

 | LocationPathPattern:lpp VBAR Pattern:p
 {: RESULT = new AlternativePattern(lpp, p); :};

LocationPathPattern ::= SLASH
 {: RESULT = new AbsolutePathPattern(null); :}

 | SLASH RelativePathPattern:rpp
 {: RESULT = new AbsolutePathPattern(rpp); :}

 | IdKeyPattern:ikp
 {: RESULT = ikp; :}

 | IdKeyPattern:ikp SLASH RelativePathPattern:rpp
 {: RESULT = new ParentPattern(ikp, rpp); :}

 | IdKeyPattern:ikp DSLASH RelativePathPattern:rpp
 {: RESULT = new AncestorPattern(ikp, rpp); :}

 | DSLASH RelativePathPattern:rpp
 {: RESULT = new AncestorPattern(rpp); :}

 | RelativePathPattern:rpp
 {: RESULT = rpp; :};

IdKeyPattern ::= ID LPAREN Literal:l RPAREN
 {: RESULT = new IdPattern(l);
 parser.setHasIdCall(true);
 :}

 | KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN
 {: RESULT = new KeyPattern(l1, l2); :};

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN
 {: RESULT = new ProcessingInstructionPattern(l); :};

RelativePathPattern ::= StepPattern:sp
 {: RESULT = sp; :}

```

```

 | StepPattern:sp SLASH RelativePathPattern:rpp
 {: RESULT
= new ParentPattern(sp, rpp); :}

 | StepPattern:sp DSLASH RelativePathPattern:rpp
 {: RESULT = new AncestorPattern(sp, rpp); :};

StepPattern ::= NodeTestPattern:nt
 {
 RESULT = parser.createStepPattern(Axis.CHILD, nt, null);
 :}

 | NodeTestPattern:nt Predicates:pp
 {
 RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);
 :}

 | ProcessingInstructionPattern:pip
 {
 RESULT = pip; :}

 | ProcessingInstructionPattern:pip Predicates:pp
 {
 RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp); :}

 | ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
 {
 RESULT = parser.createStepPattern(axis.intValue(), nt, null);
 :}

 | ChildOrAttributeAxisSpecifier:axis
 NodeTestPattern:nt Predicates:pp
 {
 RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
 :}

 | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
 {
 RESULT = pip; // TODO: report error if axis is attribute
 :}

 | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
 Predicates:pp
 {
 // TODO: report error if axis is attribute
 RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp);
 :};

NodeTestPattern ::= NameTestPattern:nt
 {
 RESULT = nt; :}

```

```

| NODE
{: RESULT = new Integer(NodeTest.ANODE); :}

| TEXT
{: RESULT = new Integer(NodeTest.TEXT); :}

| COMMENT
{: RESULT = new Integer(NodeTest.COMMENT); :}

| PI
{: RESULT = new Integer(NodeTest.PI); :};

NameTestPattern ::= STAR
{: RESULT = null; :}

| QName:qn
{: RESULT = qn; :};

ChildOrAttributeAxisSpecifier ::= ATSIGN

{: RESULT = new Integer(Axis.ATTRIBUTE); :}

| CHILD DCOLON
{: RESULT = new Integer(Axis.CHILD); :}

| ATTRIBUTE DCOLON
{: RESULT = new Integer(Axis.ATTRIBUTE); :};

Predicates ::= Predicate:p
{:
Vector temp = new Vector();
temp.addElement(p);
RESULT = temp;
:}

| Predicate:p Predicates:pp
{: pp.insertElementAt(p, 0); RESULT = pp; :};

Predicate ::= LBRACK Expr:e RBRACK
{:
RESULT = new Predicate(e);
:};

/* ----- Expressions ----- */

Expr ::= OrExpr:ex
{: RESULT = ex; :};

```



```

OrExpr ::= AndExpr:ae
 {: RESULT = ae; :}

 | OrExpr:oe OR AndExpr:ae
 {: RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); :};

AndExpr ::= EqualityExpr:e
 {: RESULT = e; :}

 | AndExpr:ae AND EqualityExpr:ee
 {: RESULT = new LogicalExpr(LogicalExpr.AND,
ae, ee); :};

EqualityExpr ::= RelationalExpr:re
 {: RESULT = re; :}

 | EqualityExpr:ee EQ RelationalExpr:re
 {: RESULT = new EqualityExpr(Operators.EQ, ee, re); :}

 | EqualityExpr:ee NE RelationalExpr:re
 {: RESULT = new EqualityExpr(Operators.NE, ee, re); :};

RelationalExpr ::= AdditiveExpr:ae
 {: RESULT = ae; :}

 | RelationalExpr:re LT AdditiveExpr:ae
 {: RESULT = new RelationalExpr(Operators.LT, re, ae); :}

 | RelationalExpr:re GT AdditiveExpr:ae
 {: RESULT = new RelationalExpr(Operators.GT, re, ae); :}

 | RelationalExpr:re LE AdditiveExpr:ae
 {: RESULT = new RelationalExpr(Operators.LE, re, ae); :}

 | RelationalExpr:re GE AdditiveExpr:ae
 {: RESULT = new RelationalExpr(Operators.GE, re, ae); :};

AdditiveExpr ::= MultiplicativeExpr:me
 {: RESULT = me; :}

 | AdditiveExpr:ae PLUS MultiplicativeExpr:me
 {: RESULT = new BinOpExpr(BinOpExpr.PLUS,
ae, me); :}

 | AdditiveExpr:ae MINUS MultiplicativeExpr:me
 {: RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); :};

```

```

MultiplicativeExpr ::= UnaryExpr:ue
 {: RESULT = ue; :}

 | MultiplicativeExpr:me MULT UnaryExpr:ue
 {: RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); :}

 | MultiplicativeExpr:me DIV UnaryExpr:ue
 {: RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); :}

 | MultiplicativeExpr:me MOD UnaryExpr:ue
 {: RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); :};

UnaryExpr ::= UnionExpr:ue
 {: RESULT = ue; :}

 | MINUS UnaryExpr:ue
 {: RESULT = new UnaryOpExpr(ue); :};

UnionExpr ::= PathExpr:pe
 {: RESULT = pe; :}

 | PathExpr:pe VBAR UnionExpr:rest
 {: RESULT = new UnionPathExpr(pe, rest); :};

PathExpr ::= LocationPath:lp
 {: RESULT = lp; :}

 | FilterExpr:fexp
 {: RESULT = fexp; :}

 | FilterExpr:fexp
 SLASH RelativeLocationPath:rlp
 {: RESULT = new FilterParentPath(fexp, rlp); :}

 | FilterExpr:fexp DSLASH RelativeLocationPath:rlp
 {:
 //
 // Expand '/' into '/descendant-or-self::node()' or
 // into '/descendant-or-self::*'
 //
 int nodeType = DOM.NO_TYPE;
 if (rlp instanceof Step &&
 parser.isElementAxis(((Step) rlp).getAxis()))
 {
 nodeType = DTM.ELEMENT_NODE;
 }
 final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
 FilterParentPath fpp = new FilterParentPath(fexp, step);
 };

```

```

 fpp = new FilterParentPath(fpp, rlp);
 if (fexp instanceof KeyCall == false) {
 fpp.setDescendantAxis();
 }
 RESULT = fpp;
};

```

```

LocationPath ::= RelativeLocationPath:rlp

```

```

{: RESULT = rlp; :}

```

```

| AbsoluteLocationPath:alp

```

```

{: RESULT = alp; :};

```

```

RelativeLocationPath ::= Step:step

```

```

{: RESULT

```

```

= step; :}

```

```

| RelativeLocationPath:rlp SLASH Step:step

```

```

{:

```

```

if (rlp instanceof Step && ((Step) rlp).isAbbreviatedDot()) {

```

```

 RESULT = step; // Remove '!' from the middle

```

```

}

```

```

else if (((Step) step).isAbbreviatedDot()) {

```

```

 RESULT = rlp; // Remove '!' from the end

```

```

}

```

```

else {

```

```

 RESULT =

```

```

 new ParentLocationPath((RelativeLocationPath) rlp, step);

```

```

}

```

```

:}

```

```

| AbbreviatedRelativeLocationPath:arlp

```

```

{: RESULT = arlp; :};

```

```

AbsoluteLocationPath ::= SLASH

```

```

{: RESULT = new AbsoluteLocationPath(); :}

```

```

| SLASH RelativeLocationPath:rlp

```

```

{: RESULT = new AbsoluteLocationPath(rlp); :}

```

```

| AbbreviatedAbsoluteLocationPath:aalp

```

```

{: RESULT = aalp; :};

```

```

AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step

```

```

{:

```

```

 final Step right = (Step)step;

```

```

 final

```

```

int axis = right.getAxis();
final int type = right.getNodeType();
final Vector predicates = right.getPredicates();

if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
 // Compress '//child:E' into 'descendant::E' - if possible
 if (predicates == null) {
 right.setAxis(Axis.DESCENDANT);
 if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
 RESULT = right;
 }
 else {
 // Expand 'rlp//child::E' into 'rlp/descendant::E'
 RelativeLocationPath left = (RelativeLocationPath)rlp;
 RESULT = new ParentLocationPath(left, right);
 }
 }
 else {
 // Expand '//step' -> 'descendant-or-self::*step'
 if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {

 Step left = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
 RESULT = new ParentLocationPath(left, right);
 }
 else {
 // Expand 'rlp//step' -> 'rlp/descendant-or-self::*step'
 RelativeLocationPath left = (RelativeLocationPath)rlp;
 Step mid = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
 ParentLocationPath ppl = new ParentLocationPath(mid, right);
 RESULT = new ParentLocationPath(left, ppl);
 }
 }
}
else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
 // Expand 'rlp//step' -> 'rlp/descendant-or-self::*step'
 RelativeLocationPath left = (RelativeLocationPath)rlp;
 Step middle = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);

 ParentLocationPath ppl = new ParentLocationPath(middle, right);
 RESULT = new ParentLocationPath(left, ppl);
}
else {
 // Expand 'rlp//step' -> 'rlp/descendant-or-self::node()/step'
 RelativeLocationPath left = (RelativeLocationPath)rlp;
 Step middle = new Step(Axis.DESCENDANTORSELF,

```

```

DOM.NO_TYPE, null);
 ParentLocationPath ppl = new ParentLocationPath(middle, right);
 RESULT = new ParentLocationPath(left, ppl);
}
:};

```

AbbreviatedAbsolutePath ::= DSLASH RelativeLocationPath:rlp

```

{:
 //
 // Expand '/' into '/descendant-or-self::node()' or
 // into '/descendant-or-self::*'
 //
 int nodeType = DOM.NO_TYPE;
 if (rlp instanceof Step &&
 parser.isElementAxis(((Step) rlp).getAxis()))
 {
 nodeType = DTM.ELEMENT_NODE;
 }
 final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
 RESULT =
new AbsoluteLocationPath(parser.insertStep(step,
 (RelativeLocationPath) rlp));
:};

```

Step ::= NodeTest:ntest

```

{:
 if (ntest instanceof Step) {
 RESULT = (Step)ntest;
 }
 else {
RESULT = new Step(Axis.CHILD,
 parser.findNodeType(Axis.CHILD, ntest),
 null);
 }
:}

```

| NodeTest:ntest Predicates:pp

```

{:
 if (ntest instanceof Step) {
 Step step = (Step)ntest;
 step.addPredicates(pp);
 RESULT = (Step)ntest;
 }
 else {
 RESULT = new Step(Axis.CHILD,
 parser.findNodeType(Axis.CHILD, ntest), pp);
 }
}

```

:]

| AxisSpecifier:axis NodeTest:ntest Predicates:pp  
{: RESULT = new Step(axis.intValue(),  
    parser.findNodeType(axis.intValue(), ntest),  
    pp);  
:]

| AxisSpecifier:axis NodeTest:ntest  
{: RESULT = new Step(axis.intValue(),  
    parser.findNodeType(axis.intValue(), ntest),  
    null);  
:]

| AbbreviatedStep:abbrev  
{: RESULT = abbrev; :};

AxisSpecifier ::= AxisName:an DCOLON  
{: RESULT = an; :}

| ATSIGN  
{: RESULT = new Integer(Axis.ATTRIBUTE); :};

AxisName ::= ANCESTOR  
{: RESULT = new Integer(Axis.ANCESTOR); :}

| ANCESTORORSELF  
{: RESULT = new Integer(Axis.ANCESTORORSELF); :}

| ATTRIBUTE  
{: RESULT = new Integer(Axis.ATTRIBUTE); :}

| CHILD  
{: RESULT = new Integer(Axis.CHILD); :}

| DESCENDANT  
{: RESULT = new Integer(Axis.DESCENDANT); :}

| DESCENDANTORSELF  
{: RESULT = new Integer(Axis.DESCENDANTORSELF); :}

| FOLLOWING  
{: RESULT = new  
Integer(Axis.FOLLOWING); :}

| FOLLOWINGSIBLING  
{: RESULT = new Integer(Axis.FOLLOWINGSIBLING); :}

```
| NAMESPACE
{: RESULT = new Integer(Axis.NAMESPACE); :}
```

```
| PARENT
{: RESULT = new Integer(Axis.PARENT); :}
```

```
| PRECEDING
{: RESULT = new Integer(Axis.PRECEDING); :}
```

```
| PRECEDINGSIBLING
{: RESULT = new Integer(Axis.PRECEDINGSIBLING); :}
```

```
| SELF
{: RESULT = new Integer(Axis.SELF); :};
```

```
AbbreviatedStep ::= DOT
{: RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); :}
```

```
| DDOT
{: RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); :};
```

```
FilterExpr ::= PrimaryExpr:primary
{: RESULT = primary; :}
```

```
| PrimaryExpr:primary Predicates:pp
{: RESULT = new FilterExpr(primary, pp); :};
```

```
PrimaryExpr ::= VariableReference:vr
{: RESULT = vr; :}
```

```
| LPAREN Expr:ex RPAREN
{: RESULT = ex; :}
```

```
| Literal:string
{:
```

```
/*
* If the string appears to have the syntax of a QName, store
* namespace info in the literal expression. This is used for
* element-available and function-available functions, among
* others. Also, the default namespace must be ignored.
*/
```

```
String namespace = null;
final int index = string.lastIndexOf(':');
```

```
if (index > 0) {
 final String prefix = string.substring(0, index);
 namespace = parser._symbolTable.lookupNamespace(prefix);
```

```

}
RESULT = (namespace == null) ? new LiteralExpr(string)
 : new LiteralExpr(string, namespace);
:}

| INT:num
{:
long value = num.longValue();
if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) {
RESULT = new RealExpr(value);
}
else {
 if (num.doubleValue() == -0)
 RESULT = new RealExpr(num.doubleValue());
 else if (num.intValue() == 0)
 RESULT = new IntExpr(num.intValue());

 else if (num.doubleValue() == 0.0)
 RESULT = new RealExpr(num.doubleValue());
 else
 RESULT = new IntExpr(num.intValue());
}
:}

| REAL:num
{: RESULT = new RealExpr(num.doubleValue()); :}

| FunctionCall:fc
{: RESULT = fc; :};

```

VariableReference ::= DOLLAR VariableName:varName

```

{:
// An empty qname prefix for a variable or parameter reference
// should map to the null namespace and not the default URI.
SyntaxTreeNode node = parser.lookupName(varName);

if (node != null) {
 if (node instanceof Variable) {
 RESULT = new VariableRef((Variable)node);
 }
 else if (node instanceof Param) {
 RESULT = new ParameterRef((Param)node);
 }
 else {
 RESULT = new UnresolvedRef(varName);
 }
}
}

```



```

 if (node == null) {
 RESULT = new UnresolvedRef(varName);
 }
};

```

FunctionCall ::= FunctionName:fname LPAREN RPAREN

```

{:
 if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
 RESULT = new CurrentCall(fname);
 }
 else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
 RESULT = new NumberCall(fname, parser.EmptyArgs);
 }
 else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
 RESULT = new StringCall(fname, parser.EmptyArgs);
 }
 else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
 RESULT = new ConcatCall(fname, parser.EmptyArgs);
 }
 else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
 RESULT = new BooleanExpr(true);
 }
 else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {

RESULT = new BooleanExpr(false);
 }
 else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
 RESULT = new NameCall(fname);
 }
 else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
 RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
 }
 else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
 RESULT = new StringLengthCall(fname, parser.EmptyArgs);
 }
 else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
 RESULT = new PositionCall(fname);
 }
 else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
 RESULT = new LastCall(fname);
 }
 else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
 RESULT = new LocalNameCall(fname);
 }
 else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
 RESULT = new NamespaceUriCall(fname);
 }
}

```

```

}
 else {
 RESULT = new FunctionCall(fname, parser.EmptyArgs);
 }
:}

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN
{:
 if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
 RESULT = new ConcatCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
 RESULT = new NumberCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
parser.setMultiDocument(true);
 RESULT = new DocumentCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
 RESULT = new StringCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
 RESULT = new BooleanCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {

RESULT = new NameCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
 RESULT = new GenerateIdCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
 RESULT = new NotCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
 RESULT = new FormatNumberCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
 RESULT = new UnparsedEntityUriCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
 RESULT = new KeyCall(fname, argl);
 }
 else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
 RESULT = new KeyCall(fname, argl);
 parser.setHasIdCall(true);
 }
 else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname))

```

```

{
 RESULT = new CeilingCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
 RESULT = new RoundCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
 RESULT = new FloorCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
 RESULT = new ContainsCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
 RESULT = new StringLengthCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
 RESULT = new StartsWithCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
 RESULT = new FunctionAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname))
{
 RESULT = new ElementAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
 RESULT = new LocalNameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
 RESULT = new LangCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
 RESULT = new NamespaceUriCall(fname, argl);
}
else if (parser.getQName(Constants.TRANSLET_URI, "xslt", "cast").equals(fname)) {
 RESULT = new CastCall(fname, argl);
}
// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
parser.setCallsNodeset(true); // implies MultiDOM
 RESULT = new FunctionCall(fname, argl);
}
else {
 RESULT = new FunctionCall(fname, argl);
}
};

```

NonemptyArgumentList

```

 ::= Argument:arg
 {:
 Vector temp = new Vector();
 temp.addElement(arg);
 RESULT = temp;
 :}

 | Argument:arg COMMA NonemptyArgumentList:argl
 {: argl.insertElementAt(arg, 0); RESULT = argl; :};

FunctionName ::= QName:fname
 {:
 RESULT = fname;
 :};

VariableName ::= QName:vname
 {:
 RESULT = vname;
 :};

Argument ::= Expr:ex
 {: RESULT = ex; :};

NodeTest ::= NameTest:nt
 {: RESULT = nt; :}

 | NODE
 {: RESULT = new Integer(NodeTest.ANODE); :}

 | TEXT
 {: RESULT = new Integer(NodeTest.TEXT); :}

 | COMMENT
 {: RESULT = new Integer(NodeTest.COMMENT); :}

 | PIPARAM LPAREN Literal:l RPAREN
 {:
 QName name = parser.getQNameIgnoreDefaultNs("name");
 Expression exp = new EqualityExpr(Operators.EQ,
 new NameCall(name),
 new LiteralExpr(l));
 Vector predicates = new Vector();
 predicates.addElement(new Predicate(exp));
 RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates);
 :}

 | PI
 {: RESULT = new Integer(NodeTest.PI); :};

```

```

NameTest ::= STAR
 { : RESULT = null; ; }

 | QName:qn
 { : RESULT = qn; ; }

QName ::= QNAME:qname
 { : RESULT = parser.getQNameIgnoreDefaultNs(qname); ; }

| DIV
 { : RESULT = parser.getQNameIgnoreDefaultNs("div"); ; }

| MOD
 { : RESULT = parser.getQNameIgnoreDefaultNs("mod"); ; }

| KEY
 { : RESULT = parser.getQNameIgnoreDefaultNs("key"); ; }

| ANCESTOR
 { : RESULT = parser.getQNameIgnoreDefaultNs("child"); ; }

| ANCESTORORSELF
 { : RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); ; }

| ATTRIBUTE
 { : RESULT
= parser.getQNameIgnoreDefaultNs("attribute"); ; }

| CHILD
 { : RESULT = parser.getQNameIgnoreDefaultNs("child"); ; }

| DESCENDANT
 { : RESULT = parser.getQNameIgnoreDefaultNs("decendant"); ; }

| DESCENDANTORSELF
 { : RESULT = parser.getQNameIgnoreDefaultNs("decendant-or-self"); ; }

| FOLLOWING
 { : RESULT = parser.getQNameIgnoreDefaultNs("following"); ; }

| FOLLOWINGSIBLING
 { : RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); ; }

| NAMESPACE
 { : RESULT = parser.getQNameIgnoreDefaultNs("namespace"); ; }

| PARENT

```

```

{: RESULT = parser.getQNameIgnoreDefaultNs("parent"); :}

| PRECEDING
{: RESULT = parser.getQNameIgnoreDefaultNs("preceding"); :}

| PRECEDINGSIBLING
{: RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); :}

| SELF
{: RESULT = parser.getQNameIgnoreDefaultNs("self"); :}

| ID
{: RESULT = parser.getQNameIgnoreDefaultNs("id"); :};

```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/xpath.cup
```

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

```

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http://www.apache.org/licenses/LICENSE-2.0
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```

Found in path(s):

```

* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/Encodings.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/XMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_text.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/res/XSLTInfo.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_xml.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/Makefile.inc
*

```

```

/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_unknown.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/HTMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_html.properties

```

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 */
// is found, then throw a special exception in order to terminate
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/TransformerFactoryImpl.java
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 * 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.
 */
// Attribution to: "Voytenko, Dimitry" <DVoytenko@SECTORBASE.COM>
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/ToHTMLStream.java
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```

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\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java  
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Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/package.html  
\*  
/opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/client/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/package.html



\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/package.html  
\*  
/opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/package.html  
\*  
/opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/package.html  
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\*/

/\*\*

\* Execute the proprietary document-location() function, which returns  
\* a node set of documents.  
\* @xsl.usage advanced  
\*/

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncDoclocation.java  
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* limitations under the License.
*/
/*
* $Id: XSLProcessorVersion.src 468640 2006-10-28 06:53:53Z minchau $
*/
package org.apache.xalan.processor;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
 * @deprecated To be replaced by org.apache.xalan.Version.getVersion()
 * @xsl.usage general
 */
public class XSLProcessorVersion
{

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
 System.out.println(S_VERSION);
}

/**
 * Constant name of product.
 */
public static final String PRODUCT = "Xalan";

/**
 * Implementation Language.
 */

```

```

public static final String LANGUAGE = "Java";

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider
the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static final int VERSION = @version.VERSION@;

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,
 * implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static final int RELEASE = @version.RELEASE@;

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static final int MAINTENANCE
= @version.MINOR@;

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to

```

```

* complete. At the point of the final drop for the
* release, the D suffix will be omitted.
*
* Each 'D' drops can contain functional enhancements as
* well as defect fixes. 'D' drops may not be as stable as
* the final releases.
*/
public static final int DEVELOPMENT = 0;

/**
 * Version String like <CODE>"Xalan Language
 * v.r[.dd] D[nn]"</CODE>.
 * <P>Semantics of the version string are
 identical to the Xerces project.</P>
 */
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "
 +VERSION+"."+RELEASE+"."
 +(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT)
 : (""+MAINTENANCE));
}

```

Found in path(s):

```

* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/XSLProcessorVersion.src

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 * limitations under the License.
*/
/*
 * $Id: xpath.lex 1225752 2011-12-30 04:12:46Z mrglavas $
 */
/*

```

```

* @author Jacek Ambroziak
* @author
Santiago Pericas-Geertsen
* @author Morten Jorgensen
*
*/

package org.apache.xalan.xsltc.compiler;

import java_cup.runtime.Symbol;
%%
%cup
%unicode
%class XPathLexer
%yyeof

%{
 int last;

 void initialize() {
 last = -1;
 }

 static boolean isWhitespace(int c) {
 return (c == ' ' || c == '\t' || c == '\r' || c == '\n' || c == '\f');
 }

 /**
 * If symbol is not followed by ':' or '(', then treat it as a
 * name instead of an axis or function (Jira-1912).
 */
 Symbol disambiguateAxisOrFunction(int ss) throws Exception {
 // Peek in the input buffer without changing the internal state
 int index = yy_buffer_index;

 // Skip whitespace
 while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
 index++;
 }

 // If end of buffer, can't disambiguate :(

 if (index >= yy_buffer_read) {
 // Can't disambiguate, so return as symbol
 return new Symbol(ss);
 }

 // Return symbol if next token is ':' or '('

```

```

 return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':' ||
 yy_buffer[index] == '(') ?
 newSymbol(ss) : newSymbol(sym.QNAME, yytext());
 }

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * name instead of a keyword (Jira-1912).
 */
Symbol disambiguateOperator(int ss) throws Exception {
 switch (last) {
 case -1: // first token
 case sym.ATSIGN:
 case sym.DCOLON:
 case sym.LPAREN:
 case sym.LBRACK:
 case sym.COMMA:
 case sym.AND:
 case sym.OR:
 case
sym.MOD:
 case sym.DIV:
 case sym.MULT:
 case sym.SLASH:
 case sym.DSLASH:
 case sym.VBAR:
 case sym.PLUS:
 case sym.MINUS:
 case sym.EQ:
 case sym.NE:
 case sym.LT:
 case sym.LE:
 case sym.GT:
 case sym.GE:
 return newSymbol(sym.QNAME, yytext());
 }
 return newSymbol(ss);
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * wildcard instead of a multiplication operator
 */
Symbol disambiguateStar() throws Exception {
 switch (last) {
 case -1: // first token

```

```

 case sym.ATSIGN:
 case sym.DCOLON:
 case sym.LPAREN:
 case sym.LBRACK:
 case sym.COMMA:

case sym.AND:
 case sym.OR:
 case sym.MOD:
 case sym.DIV:
 case sym.MULT:
 case sym.SLASH:
 case sym.DSLASH:
 case sym.VBAR:
 case sym.PLUS:
 case sym.MINUS:
 case sym.EQ:
 case sym.NE:
 case sym.LT:
 case sym.LE:
 case sym.GT:
 case sym.GE:
 return newSymbol(sym.STAR);
 }
 return newSymbol(sym.MULT);
}

Symbol newSymbol(int ss) {
 last = ss;
 return new Symbol(ss);
}

Symbol newSymbol(int ss, String value) {
 last = ss;
 return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Long value) {
 last = ss;
 return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Double value) {
 last = ss;
 return new
Symbol(ss, value);
}
% }

```

```
%eofval{
return newSymbol(sym.EOF);
%eofval}
```

```
%yylexthrow{
Exception
%yylexthrow}
```

```
Letter={BaseChar}|{Ideographic}
```

```
BaseChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u00FF\u0100-\u0131\u0134-
\u013E\u0141-\u0148\u014A-\u017E\u0180-\u01C3\u01CD-\u01F0\u01F4-\u01F5\u01FA-\u0217\u0250-
\u02A8\u02BB-\u02C1\u0386\u0388-\u038A\u038C\u038E-\u03A1\u03A3-\u03CE\u03D0-
\u03D6\u03DA\u03DC\u03DE\u03E0\u03E2-\u03F3\u0401-\u040C\u040E-\u044F\u0451-\u045C\u045E-
\u0481\u0490-\u04C4\u04C7-\u04C8\u04CB-\u04CC\u04D0-\u04EB\u04EE-\u04F5\u04F8-\u04F9\u0531-
\u0556\u0559\u0561-\u0586\u05D0-\u05EA\u05F0-\u05F2\u0621-\u063A\u0641-\u064A\u0671-\u06B7\u06BA-
\u06BE\u06C0-\u06CE\u06D0-\u06D3\u06D5\u06E5-\u06E6\u0905-\u0939\u093D\u0958-\u0961\u0985-
\u098C\u098F-\u0990\u0993-\u09A8\u09AA-\u09B0\u09B2\u09B6-\u09B9\u09DC-\u09DD\u09DF-
\u09E1\u09F0-\u09F1\u0A05-\u0A0A\u0A0F-\u0A10\u0A13-\u0A28\u0A2A-\u0A30\u0A32-\u0A33\u0A35-
\u0A36\u0A38-\u0A39\u0A59-\u0A5C\u0A5E\u0A72-\u0A74\u0A85-\u0A8B\u0A8D\u0A8F-\u0A91\u0A93-
\u0AA8\u0AAA-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABD\u0AE0\u0B05-\u0B0C\u0B0F-\u0B10\u0B13-
\u0B28\u0B2A-\u0B30\u0B32-\u0B33\u0B36-\u0B39\u0B3D\u0B5C-\u0B5D\u0B5F-\u0B61\u0B85-
\u0B8A\u0B8E-\u0B90\u0B92-\u0B95\u0B99-\u0B9A\u0B9C\u0B9E-\u0B9F\u0BA3-\u0BA4\u0BA8-
\u0BAA\u0BAE-\u0BB5\u0BB7-\u0BB9\u0C05-\u0C0C\u0C0E-\u0C10\u0C12-\u0C28\u0C2A-\u0C33\u0C35-
\u0C39\u0C60-\u0C61\u0C85-\u0C8C\u0C8E-\u0C90\u0C92-\u0CA8\u0CAA-\u0CB3\u0CB5-
\u0CB9\u0CDE\u0CE0-\u0CE1\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D60-
\u0D61\u0E01-\u0E2E\u0E30\u0E32-\u0E33\u0E40-\u0E45\u0E81-\u0E82\u0E84\u0E87-
\u0E88\u0E8A\u0E8D\u0E94-\u0E97\u0E99-\u0E9F\u0EA1-\u0EA3\u0EA5\u0EA7\u0EAA-\u0EAB\u0EAD-
\u0EAE\u0EB0\u0EB2-\u0EB3\u0EBD\u0EC0-\u0EC4\u0F40-\u0F47\u0F49-\u0F69\u10A0-\u10C5\u10D0-
\u10F6\u1100\u1102-\u1103\u1105-\u1107\u1109\u110B-\u110C\u110E-
\u1112\u1113C\u113E\u1140\u114C\u114E\u1150\u1154-\u1155\u1159\u115F-
\u1161\u1163\u1165\u1167\u1169\u116D-\u116E\u1172-\u1173\u1175\u119E\u11A8\u11AB\u11AE-
\u11AF\u11B7-\u11B8\u11BA\u11BC-\u11C2\u11EB\u11F0\u11F9\u1E00-\u1E9B\u1EA0-\u1EF9\u1F00-
\u1F15\u1F18-\u1F1D\u1F20-\u1F45\u1F48-\u1F4D\u1F50-\u1F57\u1F59\u1F5B\u1F5D\u1F5F-\u1F7D\u1F80-
\u1FB4\u1FB6-\u1FBC\u1FBE\u1FC2-\u1FC4\u1FC6-\u1FCC\u1FD0-\u1FD3\u1FD6-\u1FDB\u1FE0-
\u1FEC\u1FF2-\u1FF4\u1FF6-\u1FFC\u2126\u212A-\u212B\u212E\u2180-\u2182\u3041-\u3094\u30A1-
\u30FA\u3105-\u312C\uAC00-\uD7A3]
```

```
Ideographic=[\u4E00-\u9FA5\u3007\u3021-\u3029]
```

```
CombiningChar=[\u0300-\u0345\u0360-\u0361\u0483-\u0486\u0591-\u05A1\u05A3-\u05B9\u05BB-
\u05BD\u05BF\u05C1-\u05C2\u05C4\u064B-\u0652\u0670\u06D6-\u06DC\u06DD-\u06DF\u06E0-\u06E4\u06E7-
\u06E8\u06EA-\u06ED\u0901-\u0903\u093C\u093E-\u094C\u094D\u0951-\u0954\u0962-\u0963\u0981-
\u0983\u09BC\u09BE\u09BF\u09C0-\u09C4\u09C7-\u09C8\u09CB-\u09CD\u09D7\u09E2-
\u09E3\u0A02\u0A3C\u0A3E\u0A3F\u0A40-\u0A42\u0A47-\u0A48\u0A4B-\u0A4D\u0A70-\u0A71\u0A81-
\u0A83\u0ABC\u0ABE-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0B01-\u0B03\u0B3C\u0B3E-\u0B43\u0B47-
```



\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B82-\u0B83\u0BBE-\u0BC2\u0BC6-\u0BC8\u0BCA-\u0BCD\u0BD7\u0C01-\u0C03\u0C3E-\u0C44\u0C46-\u0C48\u0C4A-\u0C4D\u0C55-\u0C56\u0C82-\u0C83\u0CBE-\u0CC4\u0CC6-\u0CC8\u0CCA-\u0CCD\u0CD5-\u0CD6\u0D02-\u0D03\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0E31\u0E34-\u0E3A\u0E47-\u0E4E\u0EB1\u0EB4-\u0EB9\u0EBB-\u0EBC\u0EC8-\u0ECD\u0F18-\u0F19\u0F35\u0F37\u0F39\u0F3E\u0F3F\u0F71-\u0F84\u0F86-\u0F8B\u0F90-\u0F95\u0F97\u0F99-\u0FAD\u0FB1-\u0FB7\u0FB9\u20D0-\u20DC\u20E1\u302A-\u302F\u3099\u309A]

Digit=[\u0030-\u0039\u0660-\u0669\u06F0-\u06F9\u0966-\u096F\u09E6-\u09EF\u0A66-\u0A6F\u0AE6-\u0AEF\u0B66-\u0B6F\u0BE7-\u0BEF\u0C66-\u0C6F\u0CE6-\u0CEF\u0D66-\u0D6F\u0E50-\u0E59\u0ED0-\u0ED9\u0F20-\u0F29]

Extender=[\u00B7\u02D0\u02D1\u0387\u0640\u0E46\u0EC6\u3005\u3031-\u3035\u309D-\u309E\u30FC-\u30FE]

NCName=({Letter}|"\_"|{NCNameStartChar})({NCNameChar})\*

NCNameChar={Letter}|{Digit}|"."-|\_|{CombiningChar}|{Extender}|{NCNameStartChar}|\u00B7|[\u0300-\u036F]|[\u203F-\u2040]|[\u0130-\u0136]

NCNameStartChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u02FF\u0370-\u037D\u037F-\u1FFF\u200C-\u200D\u2070-\u218F\u2C00-\u2FEF\u3001-\uD7FF\uF900-\uFDCF\uFDF0-\uFFFF]| \u005F |({HighSurrogate}{LowSurrogate})

HighSurrogate=[\uD800-\uDBFF]

LowSurrogate=[\uDC00-\uDFFF]

%%

```
"*" { return disambiguateStar(); }
"/" { return newSymbol(sym.SLASH); }
"+" { return newSymbol(sym.PLUS); }
"-" { return newSymbol(sym.MINUS); }
"div" { return disambiguateOperator(sym.DIV); }
"mod" { return disambiguateOperator(sym.MOD); }
"::" { return newSymbol(sym.DCOLON); }
"," { return newSymbol(sym.COMMA); }
"@ " { return newSymbol(sym.ATSIGN); }
".. " { return newSymbol(sym.DDOT); }
"|" { return newSymbol(sym.VBAR); }
"$" { return newSymbol(sym.DOLLAR); }
"//" { return newSymbol(sym.DSLASH); }
"=" { return newSymbol(sym.EQ); }
"!=" { return newSymbol(sym.NE); }
"<" { return newSymbol(sym.LT); }
">" { return newSymbol(sym.GT); }
"<=" { return newSymbol(sym.LE); }
```

```

">=" { return newSymbol(sym.GE); }
"id" { return disambiguateAxisOrFunction(sym.ID); }
"key" { return disambiguateAxisOrFunction(sym.KEY); }
"text()" { return newSymbol(sym.TEXT); }
"text"+[\t\r\n\f]+"()" { return newSymbol(sym.TEXT); }
"node()" { return newSymbol(sym.NODE); }
"node"+[\t\r\n\f]+"()" { return newSymbol(sym.NODE); }
"comment()" { return newSymbol(sym.COMMENT); }
"comment"+[\t\r\n\f]+"()" { return newSymbol(sym.COMMENT); }
"processing-instruction"
{ return disambiguateAxisOrFunction(sym.PIPARAM); }
"processing-instruction()" { return newSymbol(sym.PI); }
"processing-instruction"+[\t\r\n\f]+"()" { return newSymbol(sym.PI); }
"or" { return disambiguateOperator(sym.OR); }
"and" { return disambiguateOperator(sym.AND); }
"child" { return disambiguateAxisOrFunction(sym.CHILD); }
"attribute" { return disambiguateAxisOrFunction(sym.ATTRIBUTE); }
"ancestor" { return disambiguateAxisOrFunction(sym.ANCESTOR); }
"ancestor-or-self" { return disambiguateAxisOrFunction(sym.ANCESTORORSELF); }
"descendant" { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self" { return disambiguateAxisOrFunction(sym.DESCENDANTORSELF); }
"following" { return disambiguateAxisOrFunction(sym.FOLLOWING); }
"following-sibling" { return disambiguateAxisOrFunction(sym.FOLLOWINGSIBLING); }
}
"namespace" { return disambiguateAxisOrFunction(sym.NAMESPACE); }
"parent" { return disambiguateAxisOrFunction(sym.PARENT); }
"preceding" { return disambiguateAxisOrFunction(sym.PRECEDING); }
"preceding-sibling" { return disambiguateAxisOrFunction(sym.PRECEDINGSIBLING); }
"self" { return disambiguateAxisOrFunction(sym.SELF); }
"[" { return newSymbol(sym.LBRACK); }
"]" { return newSymbol(sym.RBRACK); }
"(" { return newSymbol(sym.LPAREN); }
")" { return newSymbol(sym.RPAREN); }
"<PATTERN>" { initialize(); return new Symbol(sym.PATTERN); }
"<EXPRESSION>" { initialize(); return new Symbol(sym.EXPRESSION); }
\[^\]*\ { return newSymbol(sym.Literal,
 yytext().substring(1, yytext().length() - 1)); }
\[^\]*' { return newSymbol(sym.Literal,
 yytext().substring(1,
 yytext().length() - 1)); }
{Digit}+ { return newSymbol(sym.INT, new Long(yytext())); }
{Digit}+("."{Digit}*)? { return newSymbol(sym.REAL, new Double(yytext())); }
"."{Digit}+ { return newSymbol(sym.REAL, new Double(yytext())); }
"." { return newSymbol(sym.DOT); }
({NCName}":")?{NCName} { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?*" { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?@"* { return newSymbol(sym.QNAME, yytext()); }
[\t\r\n\f] { /* ignore white space. */ }

```

```
. { throw new Exception(ytext()); }
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/xpath.lex
```

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```

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```

```
*/
```

```
// Proprietary, built in functions
```

```
/** current function string (Proprietary). */
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/compiler/Keywords.java
```

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## 1.46 commons-validator 1.7

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## 1.47 snmp-4j 1.11

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_## SNMP4J - UsmUserTable.java
_##
```

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```

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```
* /opt/cola/permits/1001073649_1610467014.22/0/snmp4j-1-11-3-sources-2-
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```
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Found in path(s):

```

* /opt/cola/permits/1001073649_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/smi/Address.java
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```

```

/*_#####

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```

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* /opt/cola/permits/1001073649_1610467014.22/0/snmp4j-1-11-3-sources-2-
jar/org/snmp4j/util/DefaultPDUFactory.java

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jar/org/snmp4j/asn1/BEROutputStream.java

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/opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/test/MultiThreadedTrapReceiver.java

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Found in path(s):

```

*/opt/cola/permits/1001073649_1610467014.22/0/snmp4j-1-11-3-sources-2-
jar/org/snmp4j/smi/AssignableFromIntArray.java

```

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Found in path(s):

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*/opt/cola/permits/1001073649_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/security/USM.java

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jar/org/snmp4j/tools/console/LogControl.java
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\* /opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/util/package.html  
\*

/opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/smi/package.html  
\* /opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/asn1/package.html  
\* /opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/transport/package.html  
\* /opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/mp/package.html  
\* /opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/security/package.html  
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_## SNMP4J - AuthMD5.java
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jar/org/snmp4j/security/UsmSecurityStateReference.java
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*
/opt/cola/permits/1001073649_1610467014.22/0/snmp4j-1-11-3-sources-2-
jar/org/snmp4j/transport/UnsupportedAddressClassException.java

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_##
_#####*/
```

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\* /opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/log/ConsoleLogAdapter.java

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Found in path(s):

\* /opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/log/NoLogger.java  
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```

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\* /opt/cola/permits/1001073649\_1610467014.22/0/snmp4j-1-11-3-sources-2-jar/org/snmp4j/transport/MessageLength.java

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## 1.57 jakarta-inject 2.6.1

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- \* Tatu Saloranta

- \* Providing benchmark suite
- \* Alec Wysoker
- \* Performance and memory usage improvement

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\* /opt/cola/permits/1136827867\_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-jar/org/springframework/security/jwt/codecs/Codecs.java  
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\* /opt/cola/permits/1136827867\_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-jar/org/springframework/security/jwt/JwtHelper.java  
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\*

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\* Base64 encoder which is a reduced version of Robert Harder's public domain implementation (version 2.3.7).

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## 1.60 bcel 6.5.0

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

Files: \*

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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## 1.73 mergo 0.3.12

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```
import: ../../../../fossene/db/schema/thing.yml
```

fields:

site: string

author: root

## 1.74 junit 4.13.2

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# 1.82 exponent-io-jsonpath 0.0.0-20151013193312-d6023ce2651d

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# 1.83 modern-go-concurrent 0.0.0-20180306012644-bacd9c7ef1dd

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# 1.84 liggitt-tabwriter 0.0.0-20181228230101-89fcab3d43de

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## 1.85 gofuzz 1.1.0

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## 1.88 go-difflib 1.0.0

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## 1.89 gogo-googleapis 1.4.1

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# 1.90 josharian-intern 1.0.0

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## 1.91 google-go-cmp 0.5.6

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## 1.93 golang-mock 1.6.0

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CLA was used.

# Names should be added to this file like so:

# Name <email address>

#

# An entry with two email addresses specifies that the

# first address should be used in the submit logs and

# that the second address should be recognized as the

# same person when interacting with Rietveld.

# Please keep the list sorted.

Aaron Jacobs <jacobsa@google.com> <aaronjjacobs@gmail.com>

Alex Reece <awreece@gmail.com>

David Symonds <dsymonds@golang.org>

Ryan Barrett <ryanb@google.com>

package empty\_interface

//go:generate mockgen -package empty\_interface -destination mock.go -source input.go -

copyright\_file=mock\_copyright\_header

type Empty interface{ }

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//

// Code generated by MockGen. DO NOT EDIT.
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// Package empty_interface is a generated GoMock package.
package empty_interface

import (
 gomock "github.com/golang/mock/gomock"
)

// MockEmpty is a mock of Empty interface.
type MockEmpty struct {
 ctrl *gomock.Controller
 recorder *MockEmptyMockRecorder
}

// MockEmptyMockRecorder is the mock recorder for MockEmpty.
type MockEmptyMockRecorder struct {
 mock *MockEmpty
}

// NewMockEmpty creates a new mock instance.
func NewMockEmpty(ctrl *gomock.Controller) *MockEmpty {
 mock := &MockEmpty{ctrl: ctrl}
 mock.recorder = &MockEmptyMockRecorder{mock}
 return mock
}

// EXPECT returns an object that allows the caller to indicate expected use.
func (m *MockEmpty) EXPECT() *MockEmptyMockRecorder
{
 return m.recorder
}

```

## 1.94 grpc-ecosystem-go-grpc-middleware

### 1.3.0

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## 1.96 xxhash 2.1.2

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## 1.112 docker-go-metrics 0.0.1

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# 1.114 kballard-go-shellquote 0.0.0-20180428030007-95032a82bc51

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## 1.117 gofrs-uuid 3.2.0+incompatible

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# 1.121 gopkg.in-yaml 3.0.0-20210107192922-496545a6307b

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## 1.125 zap 1.19.1

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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# 1.127 makenowjust-heredoc 1.0.0

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## 1.130 errwrap 1.1.0

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## 1.131 go-kit 0.9.0

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### 20150205184540-83f37f9c154a

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sshkeys

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# 1.136 gojsonpointer 0.0.0-20190905194746-02993c407bfb

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# 1.137 godotenv 1.3.0

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## 1.138 clockwork 0.2.2

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Clockwork - a clock process to replace cron

=====

Cron is non-ideal for running scheduled application tasks, especially in an app deployed to multiple machines. [More details.]([http://adam.heroku.com/past/2010/4/13/rethinking\\_cron/](http://adam.heroku.com/past/2010/4/13/rethinking_cron/))

Clockwork is a cron replacement. It runs as a lightweight, long-running Ruby process which sits alongside your web processes (Mongrel/Thin) and your worker processes (DJ/Resque/Minion/Stalker) to schedule recurring work at particular times or dates. For example, refreshing feeds on an hourly basis, or send reminder emails on a nightly basis, or generating invoices once a month on the 1st.

Quickstart

-----

Create clock.rb:

```
require 'clockwork'
include Clockwork

handler do |job|
 puts "Running #{job}"
end

every(10.seconds, 'frequent.job')
```



```
every(3.minutes, 'less.frequent.job')
every(1.hour, 'hourly.job')
```

```
every(1.day, 'midnight.job', :at => '00:00')
```

Run it with the clockwork binary:

```
$ clockwork clock.rb
[2010-05-25 18:16:46 -0700] Starting clock for 4 events: [frequent.job less.frequent.job hourly.job midnight.job]
[2010-05-25 18:16:46 -0700] -> frequent.job
```

Use with queuing

-----

The clock process only makes sense as a place to schedule work to be done, not to do the work. It avoids locking by running as a single process, but this makes it impossible to parallelize. For doing the work, you should be using a job queuing system, such as

[Delayed Job](<http://www.therailsway.com/2009/7/22/do-it-later-with-delayed-job>),  
[Beanstalk/Stalker]([http://adam.heroku.com/past/2010/4/24/beanstalk\\_a\\_simple\\_and\\_fast\\_queueing\\_backend/](http://adam.heroku.com/past/2010/4/24/beanstalk_a_simple_and_fast_queueing_backend/)),  
[RabbitMQ/Minion]([http://adamblog.heroku.com/past/2009/9/28/background\\_jobs\\_with\\_rabbitmq\\_and\\_minion/](http://adamblog.heroku.com/past/2009/9/28/background_jobs_with_rabbitmq_and_minion/)),  
or

[Resque](<http://github.com/blog/542-introducing-resque>). This design allows a simple clock process with no locks, but also offers near infinite horizontal scalability.

For example, if you're using Beanstalk/Staker:

```
require 'stalker'

handler { |job| Stalker.enqueue(job) }

every(1.hour, 'feeds.refresh')
every(1.day, 'reminders.send', :at => '01:30')
```

Using a queuing system which doesn't require that your full application be loaded is preferable, because the clock process can keep a tiny memory footprint. If you're using DJ or Resque, however, you can go ahead and load your full application environment, and use per-event blocks to call DJ or Resque enqueue methods. For example, with DJ/Rails:

```
require 'config/boot'
require 'config/environment'

every(1.hour, 'feeds.refresh') { Feed.send_later(:refresh) }
every(1.day, 'reminders.send', :at => '01:30') { Reminder.send_later(:send_reminders) }
```

## Anatomy of a clock file

-----

clock.rb is standard Ruby. Since we include the Clockwork module (the clockwork binary does this automatically, or you can do it explicitly), this exposes a small DSL ("handler" and "every") to define the handler for events, and then the events themselves.

The handler typically looks like this:

```
handler { |job| enqueue_your_job(job) }
```

This block will be invoked every time an event is triggered, with the job name passed in. In most cases, you should be able to pass the job name directly through to your queueing system.

The second part of the file are the events, which roughly resembles a crontab:

```
every(5.minutes, 'thing.do')
every(1.hour, 'otherthing.do')
```

In the first line of this example, an event will be triggered once every five minutes, passing the job name 'thing.do' into the handler. The handler shown above would thus call `enqueue_your_job('thing.do')`.

You can also pass a custom block to the handler, for job queueing systems that rely on classes rather than job names (i.e. DJ and Resque). In this case, you need not define a general event handler, and instead provide one with each event:

```
every(5.minutes,
'thing.do') { Thing.send_later(:do) }
```

If you provide a custom handler for the block, the job name is used only for logging.

You can also use blocks to do more complex checks:

```
every(1.day, 'check.leap.year') do
 Stalker.enqueue('leap.year.party') if Time.now.year % 4 == 0
end
```

In production

-----

Only one clock process should ever be running across your whole application

deployment. For example, if your app is running on three VPS machines (two app servers and one database), your app machines might have the following process topography:

- \* App server 1: 3 web (thin start), 3 workers (rake jobs:work), 1 clock (clockwork clock.rb)
- \* App server 2: 3 web (thin start), 3 workers (rake jobs:work)

You should use Monit, God, Upstart, or Inittab to keep your clock process running the same way you keep your web and workers running.

Meta

----

Created by Adam Wiggins

Inspired by [rufus-scheduler](<http://rufus.rubyforge.org/rufus-scheduler/>) and [<http://github.com/bvandenbos/resque-scheduler>](resque-scheduler)

Design

assistance from Peter van Hardenberg and Matthew Soldo

Patches contributed by Mark McGranaghan

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<http://github.com/adamwiggins/clockwork>

Found in path(s):

- \* /opt/cola/permits/1215783807\_1634571130.71/0/clockwork-0-2-2-2-gem/data-tar-gz/README.md

# 1.139 builder 0.0.0-20180802200727-47ae307949d0

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## 1.140 lumberjack 2.0.0

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## 1.141 goprotobuf 1.5.2

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Anton Povarov <[anton.povarov@gmail.com](mailto:anton.povarov@gmail.com)>

Brian Goff <[cpuguy83@gmail.com](mailto:cpuguy83@gmail.com)>

Clayton Coleman <[ccoleman@redhat.com](mailto:ccoleman@redhat.com)>

Denis Smirnov <[denis.smirnov.91@gmail.com](mailto:denis.smirnov.91@gmail.com)>

DongYun Kang <[ceram1000@gmail.com](mailto:ceram1000@gmail.com)>

Dwayne Schultz <[dschultz@pivotal.io](mailto:dschultz@pivotal.io)>

Georg Apitz <[gapitz@pivotal.io](mailto:gapitz@pivotal.io)>

Gustav Paul <[gustav.paul@gmail.com](mailto:gustav.paul@gmail.com)>

Johan Brandhorst <[johan.brandhorst@gmail.com](mailto:johan.brandhorst@gmail.com)>

John Shahid <[johnshahid@gmail.com](mailto:johnshahid@gmail.com)>

John Tuley <[john@tuley.org](mailto:john@tuley.org)>

Laurent <[laurent@adyoulike.com](mailto:laurent@adyoulike.com)>

Patrick Lee <[patrick@dropbox.com](mailto:patrick@dropbox.com)>

Peter Edge <[peter.edge@gmail.com](mailto:peter.edge@gmail.com)>

Roger Johansson <[rogeralsing@gmail.com](mailto:rogeralsing@gmail.com)>

Sam Nguyen <[sam.nguyen@sendgrid.com](mailto:sam.nguyen@sendgrid.com)>

Sergio Arbo <[serabe@gmail.com](mailto:serabe@gmail.com)>

Stephen J Day <[stephen.day@docker.com](mailto:stephen.day@docker.com)>

Tamir Duberstein <[tamird@gmail.com](mailto:tamird@gmail.com)>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

Vyacheslav Kim <kane@sendgrid.com>

Walter Schulze <awalterschulze@gmail.com>

# 1.142 x-term 0.0.0-20210927222741-03fcf44c2211

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## 1.145 namespace 1.4.01

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# 1.146 uniseq 0.2.0

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## 1.150 json-iterator-go 1.1.12

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## 1.152 sergi-go-diff 1.2.0

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Danny Yoo <dannyoo@google.com>

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Jonathan Amsterdam <jba@google.com>

Markus Zimmermann <markus.zimmermann@nethead.at> <markus.zimmermann@symflower.com>

<zimmski@gmail.com>  
Matt Kovars <akaskik@gmail.com>  
rjan Persson <orjan@spotify.com>  
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## 1.155 logrus 1.8.1

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## 1.167 logr 1.2.0

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jar/org/springframework/retry/support/RetryTemplate.java
* /opt/cola/permits/1257203688_1643390885.66/0/spring-retry-1-3-1-sources-
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jar/org/springframework/retry/interceptor/RetryInterceptorBuilder.java
* /opt/cola/permits/1257203688_1643390885.66/0/spring-retry-1-3-1-sources-
jar/org/springframework/classify/util/SimpleMethodInvoker.java
```

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/opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-  
jar/org/springframework/retry/annotation/RetryConfiguration.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-  
jar/org/springframework/retry/interceptor/Retryable.java  
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jar/org/springframework/retry/context/RetryContextSupport.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-  
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- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/listener/RetryListenerSupport.java
- \*
- /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/classify/PatternMatcher.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/policy/CompositeRetryPolicy.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/classify/ClassifierAdapter.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/RetryState.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/classify/Classifier.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/interceptor/NewMethodArgumentsIdentifier.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/ExhaustedRetryException.java
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- /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/interceptor/MethodArgumentsKeyGenerator.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/policy/RetryCacheCapacityExceededException.java
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- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/RecoveryCallback.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/backoff/ObjectWaitSleeper.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/backoff/BackOffPolicy.java
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- /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/RetryListener.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/TerminatedRetryException.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/interceptor/MethodInvocationRecoverer.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/classify/PatternMatchingClassifier.java
- \* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/RetryStatistics.java

\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/RetryPolicy.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/policy/SoftReferenceMapRetryContextCache.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/classify/ClassifierSupport.java  
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/opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/support/DefaultRetryState.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/backoff/BackOffContext.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/RetryOperations.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/RetryCallback.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/backoff/SleepingBackOffPolicy.java  
\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/policy/ExceptionClassifierRetryPolicy.java  
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/opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/classify/BackToBackPatternClassifier.java  
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\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-jar/org/springframework/retry/policy/TimeoutRetryPolicy.java  
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\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-  
jar/org/springframework/classify/util/AnnotationMethodResolver.java  
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\* /opt/cola/permits/1257203688\_1643390885.66/0/spring-retry-1-3-1-sources-  
jar/org/springframework/retry/annotation/Backoff.java  
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jar/org/springframework/retry/annotation/Recover.java

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jar/org/springframework/retry/policy/MaxAttemptsRetryPolicy.java
* /opt/cola/permits/1257203688_1643390885.66/0/spring-retry-1-3-1-sources-
jar/org/springframework/retry/listener/MethodInvocationRetryListenerSupport.java
* /opt/cola/permits/1257203688_1643390885.66/0/spring-retry-1-3-1-sources-
jar/org/springframework/retry/interceptor/MethodInvocationRetryCallback.java
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* /opt/cola/permits/1257203688_1643390885.66/0/spring-retry-1-3-1-sources-
jar/org/springframework/retry/interceptor/StatefulRetryOperationsInterceptor.java
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jar/org/springframework/retry/stats/RetryStatisticsFactory.java
* /opt/cola/permits/1257203688_1643390885.66/0/spring-retry-1-3-1-sources-
jar/org/springframework/retry/stats/DefaultRetryStatisticsFactory.java
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jar/org/springframework/retry/stats/MutableRetryStatistics.java
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jar/org/springframework/retry/stats/StatisticsRepository.java
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Found in path(s):

- \* /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`.

\* <p><b>Note:</b> 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.

\* <p><b>Note:</b> By default, the newly created `LSParser`

\* does not contain a `DOMErrorHandler`, i.e. the value of

\* the "[parameter-error-](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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Found in path(s):

\* /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

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/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-  
 jar/org/apache/wml/dom/WMLTimerElementImpl.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/dv/xs/AnySimpleDV.java  
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 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-  
 jar/org/apache/xerces/impl/xs/opti/DefaultXMLDocumentHandler.java  
 \* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/dom/DeferredElementImpl.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/xml/serialize/HTMLSerializer.java  
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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-  
 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-  
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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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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
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jar/org/apache/xerces/xinclude/XIncludeTextReader.java  
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jar/org/apache/xerces/dom/DOMInputImpl.java  
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jar/org/apache/xerces/xpointer/XPointerHandler.java  
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jar/org/apache/wml/dom/WMLCardElementImpl.java

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jar/org/apache/xerces/dom/AttrNSImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/jaxp/datatype/DurationImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/wml/dom/WMLTdElementImpl.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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 \* /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/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  
 \*  
 /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
 jar/org/apache/xerces/impl/XMLEntityScanner.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityManager.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSAttributeDecl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/XIncludeNamespaceSupport.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSEmptyCM.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLOptGroupElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/DVFactoryException.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLDocumentImpl.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/SchemaDateTimeException.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOptionElement.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLPElement.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLOptionElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLElement.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLParamElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/TreeWalkerImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11DTDDVFactoryImpl.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParseException.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDFilter.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDValidator.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDNotationTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/grammars/XMLSchemaDescription.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DOMResultBuilder.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLAnchorElementImpl.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLModElementImpl.java

\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDocumentImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredElementNSImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableCaptionElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityHandler.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/StandardParserConfiguration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSAllCM.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/AttrImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLFieldsetElementImpl.java  
\*  
/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDoElementImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/RangeToken.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DOMASBuilderImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/NameNodeListImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDOMImplementationImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/io/UCSReader.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XIncludeAwareParserConfiguration.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/RevalidationHandler.java  
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/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSValue.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/NodeImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11IDREFDatatypeValidator.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLConfigurationException.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/AttributesProxy.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorImpl.java  
\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLGrammarParser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/dtd/XMLSimpleType.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-  
jar/org/apache/xerces/impl/xs/SchemaNamespaceSupport.java

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jar/org/apache/xerces/dom/DOMImplementationListImpl.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.  
\*/

Found in path(s):

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSConstraints.java

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/package.html

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// Unique Particle Attribution

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSDFACM.java

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\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AbstractDateDV.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/YearDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDKeyrefTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDUniqueOrKeyTraverser.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DurationDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java

\*

/opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/TimeDV.java

\* /opt/cola/permits/1257218116\_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSAttributeChecker.java

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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/XSModelGroupImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDecl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/traversers/XSDHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dv/xs/DayDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/XMLSchemaValidator.java
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jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/DOMMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XPointerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/DatatypeMessages.properties
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message_fr.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/SAXMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XIncludeMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XMLMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/XMLSerializerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xpath/regex/message_ja.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/msg/JAXPValidationMessages.properties
```



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\* /opt/cola/permits/1257893430\_1643020031.65/0/feign-form-3-8-0-sources-jar/feign/form/FormEncoder.java

\* /opt/cola/permits/1257893430\_1643020031.65/0/feign-form-3-8-0-sources-jar/feign/form/FormProperty.java

\*

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/opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-jar/feign/form/util/PojoUtil.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-jar/feign/form/ContentProcessor.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
jar/feign/form/multipart/SingleFileWriter.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
jar/feign/form/multipart/PojoWriter.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-jar/feign/form/util/CharsetUtil.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
jar/feign/form/multipart/SingleParameterWriter.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
jar/feign/form/multipart/DelegateWriter.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
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jar/feign/form/multipart/ManyParametersWriter.java
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* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
jar/feign/form/multipart/AbstractWriter.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-jar/feign/form/ContentType.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
jar/feign/form/MultipartFormContentProcessor.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-jar/feign/form/multipart/Writer.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
jar/feign/form/multipart/ByteArrayWriter.java
* /opt/cola/permits/1257893430_1643020031.65/0/feign-form-3-8-0-sources-
jar/feign/form/UrlencodedFormContentProcessor.java

```

# 1.173 feign-form-spring 3.8.0

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\* /opt/cola/permits/1257893209\_1643020011.16/0/feign-form-spring-3-8-0-sources-jar/feign/form/spring/converter/ByteArrayMultipartFile.java

\* /opt/cola/permits/1257893209\_1643020011.16/0/feign-form-spring-3-8-0-sources-jar/feign/form/spring/SpringFormEncoder.java

\* /opt/cola/permits/1257893209\_1643020011.16/0/feign-form-spring-3-8-0-sources-jar/feign/form/spring/SpringSingleMultipartFileWriter.java

\*

/opt/cola/permits/1257893209\_1643020011.16/0/feign-form-spring-3-8-0-sources-jar/feign/form/spring/SpringManyMultipartFilesWriter.java

\* /opt/cola/permits/1257893209\_1643020011.16/0/feign-form-spring-3-8-0-sources-jar/feign/form/spring/converter/SpringManyMultipartFilesReader.java

\* /opt/cola/permits/1257893209\_1643020011.16/0/feign-form-spring-3-8-0-sources-jar/feign/form/spring/converter/IgnoreKeyCaseMap.java

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## 1.174 jnr-posix 3.0.35

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* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/Invoker.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/AbstractX86StubCompiler.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/AllocatedDirectMemoryIO.java
*
/opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/Platform.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/AbstractBufferMemoryIO.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/LibraryLoader.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/FloatByReference.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/SkinnyMethodAdapter.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/FromNativeConverter.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/AsmUtil.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/MethodResultContext.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/BufferUtil.java
*
/opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/StubCompiler.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/In.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/IdentityFunctionMapper.java
```

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/NullMemoryIO.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/DirectMemoryIO.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/IgnoreError.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Synchronized.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/DelegatingMemoryIO.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/NativeLongByReference.java  
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 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeLibrary.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeMemoryManager.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/AsmLibraryLoader.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/MethodParameterContext.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/ByReference.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Out.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/StdCall.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/Provider.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/CodegenUtils.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NumberUtil.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/CallingConvention.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/AsmRuntime.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/InAccessibleMemoryIO.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/SymbolNotFoundError.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/SaveError.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/LongLongByReference.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Meta.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/ArrayMemoryIO.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/DataConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/FromNativeContext.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Transient.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/ByteBufferMemoryIO.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/AbstractRuntime.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/MemoryUtil.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeRuntime.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/TypeMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/BoundedMemoryIO.java  
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 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/NativeLong.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/ToNativeContext.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/ParameterFlags.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/JNIInvokeInterface.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/JNINativeInterface.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Direct.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/AsmClassLoader.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/FunctionMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/BadType.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/Library.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/LoadedLibrary.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/MemoryManager.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/DoubleByReference.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/AbstractArrayMemoryIO.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/NullTypeMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/InvokerUtil.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/LibraryOption.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/ToNativeConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/ShortByReference.java  
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 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/PointerByReference.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/Address.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/InvocationSession.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/X86\_32StubCompiler.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/X86\_64StubCompiler.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/AddressByReference.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/EnumMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Pinned.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/ShareMemoryIO.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/NulTerminate.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/ByteByReference.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/AbstractMemoryIO.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/LastError.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Clear.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/IntByReference.java  
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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/AnnotationProperty.java  
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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/ref/FinalizableReferenceQueue.java  
\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/ref/FinalizableWeakReference.java  
\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/ref/FinalizablePhantomReference.java  
\*  
/opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/ref/FinalizableSoftReference.java  
\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/ref/FinalizableReference.java  
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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/aarch64/linux/TypeAliases.java  
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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/in\_addr\_t.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-

jar/jnr/ffi/provider/converters/BoxedByteArrayParameterConverter.java

\*

/opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/NullObjectParameterStrategy.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/int8\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/converters/StringBufferParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/platform/ppc/darwin/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/util/AnnotationNameComparator.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NoX86.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/platform/x86\_64/solaris/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/SignatureTypeMapper.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/platform/x86\_64/darwin/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/platform/i386/darwin/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NoTrace.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/pid\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/LocalVariableAllocator.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/converters/BoxedDoubleArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/converters/StringResultConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/platform/mips/linux/TypeAliases.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/mapper/AbstractFromNativeType.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/platform/mipsel/linux/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/platform/s390/linux/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/converters/StructArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/jffi/platform/sparc/solaris/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/converters/EnumSetConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/StringUtil.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-  
 jar/jnr/ffi/provider/converters/Pointer32ArrayParameterConverter.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/u\_int8\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/clock\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/LocalVariable.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/ReflectionVariableAccessorGenerator.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeFunctionMapperContext.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/StructByReferenceToNativeConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/InvalidProvider.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/x86\_64/windows/TypeAliases.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/u\_int64\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/x86\_64/linux/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/ParameterStrategy.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/ppc/aix/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/Pointer64ArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/CompositeFunctionMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/i386/windows/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/socklen\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/DefaultTypeMapper.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/uintptr\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/NativeLong32ArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/ssize\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/BoxedIntegerArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/BoxedBooleanArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/time\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/BufferParameterStrategy.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/gid\_t.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/AsmStructByReferenceFromNativeConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/int32\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/ClosureFromNativeConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/int16\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/ClosureTypeMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/TypeDefinition.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/TypeAlias.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/i386/solaris/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/s390x/linux/TypeAliases.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/ToNativeType.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/BoxedShortArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/ToNativeOp.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NotImplMethodGenerator.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/NumberByReference.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/Long32ArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/ppc/linux/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Encoding.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/arm/linux/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/CompositeTypeMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/in\_port\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/i386/openbsd/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/id\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/SignatureTypeMapperAdapter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/blkcnt\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/FromNativeType.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/sparcv9/solaris/TypeAliases.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeFinalizer.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/TransientNativeMemory.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/Variable.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/CachingTypeMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/u\_int16\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/LibraryLoader.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeClosureProxy.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/u\_int32\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/SimpleNativeContext.java  
 \*

/opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/FromNativeTypes.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/uid\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/PrimitiveArrayParameterStrategy.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/InvalidRuntime.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/intptr\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/fsfilcnt\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/rlim\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/PointerParameterStrategy.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/AbstractToNativeType.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/i386/freebsd/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/key\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/EnumConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/AbstractSignatureTypeMapper.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/StructByReferenceFromNativeConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/blksize\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/Util.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/int64\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/NativeLongConverter.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/CharSequenceParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/off\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/SignatureType.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/BoxedLong64ArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/StringBuilderParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/X86Disassembler.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/x86\_64/freebsd/TypeAliases.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/nlink\_t.java  
 \*  
 /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/CharSequenceArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/mode\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/ino64\_t.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/converters/NativeLong64ArrayParameterConverter.java  
 \* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-

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jar/jnr/ffi/provider/jffi/InvokerTypeMapper.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/fsblkcnt_t.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/platform/x86_64/openbsd/TypeAliases.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/ino_t.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/size_t.java
*
/opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/Util.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/sa_family_t.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/ReflectionLibraryLoader.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/ToNativeTypes.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/converters/BoxedFloatArrayParameterConverter.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/swblk_t.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/DefaultSignatureType.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/types/caddr_t.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/platform/i386/linux/TypeAliases.java
*
/opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/VariableAccessorGenerator.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/util/Annotations.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/NativeLibraryLoader.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/converters/ByReferenceParameterConverter.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/converters/BoxedLong32ArrayParameterConverter.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/HeapBufferParameterStrategy.java
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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/Runtime.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/AbstractNumberReference.java

\*

/opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/byref/AbstractReference.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/Memory.java

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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeClosureManager.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeClosurePointer.java

\*

/opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/BaseMethodGenerator.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/FastLongMethodGenerator.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/AbstractDataConverter.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/FastIntMethodGenerator.java

\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/NativeClosureFactory.java

```
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/IntPointer.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/StructLayout.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/AbstractFastNumericMethodGenerator.java
*
/opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/AbstractAsmLibraryInterface.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/MethodGenerator.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/Delegate.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/DefaultObjectReferenceManager.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/annotations/LongLong.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/ClosureManager.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/AsmBuilder.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/ObjectReferenceManager.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/FastNumericMethodGenerator.java
*
/opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/BufferMethodGenerator.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/X86MethodGenerator.java
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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/Pointer.java  
\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/DefaultInvokerFactory.java  
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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/platform/ppc64/linux/TypeAliases.java  
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\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/NativeFunction.java  
\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/ResultType.java  
\* /opt/cola/permits/1258081327\_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/SimpleFunctionMapper.java  
\*

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/opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/StructByReferenceResultConverterFactory.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/InterfaceScanner.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/jffi/Types.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/SigType.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/ToNativeType.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/NativeVariable.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/FromNativeType.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/mapper/SimpleTypeMapper.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-jar/jnr/ffi/provider/ParameterType.java
*
/opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/ConverterMetaData.java
* /opt/cola/permits/1258081327_1643028197.1/0/jnr-ffi-2-1-4-sources-
jar/jnr/ffi/provider/jffi/AnnotationTypeMapper.java

```

## 1.176 jnr-enxio 0.16

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* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-
jar/jnr/enxio/channels/PollSelectionKey.java
* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-jar/jnr/enxio/channels/PollSelector.java
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jar/jnr/enxio/channels/KQSelectionKey.java
* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-
jar/jnr/enxio/channels/NativeServerSocketChannel.java
* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-
jar/jnr/enxio/channels/NativeSelectorProvider.java
*
* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-
jar/jnr/enxio/channels/NativeDeviceChannel.java
* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-
jar/jnr/enxio/channels/NativeSocketChannel.java
* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-jar/jnr/enxio/channels/KQSelector.java
* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-jar/jnr/enxio/channels/Native.java
* /opt/cola/permits/1258081770_1643028304.1/0/jnr-enxio-0-16-sources-
jar/jnr/enxio/channels/NativeSelectableChannel.java
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## 1.177 jnr-unixsocket 0.18

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\* /opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-jar/jnr/unixsocket/Native.java  
\* /opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-  
jar/jnr/unixsocket/UnixServerSocket.java  
\*

/opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-  
jar/jnr/unixsocket/SockAddrUnix.java  
\* /opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-  
jar/jnr/unixsocket/UnixServerSocketChannel.java

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\* /opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-jar/jnr/unixsocket/BindHandler.java  
\* /opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-jar/jnr/unixsocket/UnixDatagramChannel.java  
\*  
\* /opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-jar/jnr/enxio/channels/Common.java  
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Found in path(s):

\* /opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-jar/jnr/unixsocket/UnixDatagramSocket.java

\* /opt/cola/permits/1258081612\_1643028301.33/0/jnr-unixsocket-0-18-sources-jar/jnr/unixsocket/Common.java



# 1.178 jnr-constants 0.9.8

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 */
```

Found in path(s):

```
* /opt/cola/permits/1258081305_1643028331.31/0/jnr-constants-0-9-8-sources-
jar/com/kenai/constantine/platform/ConstantResolver.java
* /opt/cola/permits/1258081305_1643028331.31/0/jnr-constants-0-9-8-sources-
jar/com/kenai/constantine/Constant.java
* /opt/cola/permits/1258081305_1643028331.31/0/jnr-constants-0-9-8-sources-jar/jnr/constants/ConstantSet.java
*
/opt/cola/permits/1258081305_1643028331.31/0/jnr-constants-0-9-8-sources-
jar/jnr/constants/platform/ConstantResolver.java
* /opt/cola/permits/1258081305_1643028331.31/0/jnr-constants-0-9-8-sources-jar/jnr/constants/Constant.java
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* /opt/cola/permits/1258081305_1643028331.31/0/jnr-constants-0-9-8-sources-
jar/com/kenai/constantine/ConstantSet.java
```

# 1.179 structured-merge-diff 4.2.1

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# 1.181 sigs.k8s.io-json 0.0.0-20211208200746-9f7c6b3444d2

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 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/ArgumentParsers.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/impl/action/AppendArgumentAction.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/helper/TextWidthCounter.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/impl/action/StoreArgumentAction.java  
 \*  
 /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/inf/Argument.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/inf/Subparsers.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/impl/action/HelpArgumentAction.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/internal/SubparserImpl.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/impl/action/StoreTrueArgumentAction.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/impl/action/VersionArgumentAction.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/impl/action/StoreConstArgumentAction.java  
 \*  
 /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/internal/ArgumentGroupImpl.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/inf/ArgumentAction.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/inf/Namespace.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
 jar/net/sourceforge/argparse4j/impl/Arguments.java  
 \* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-

jar/net/sourceforge/argparse4j/inf/Subparser.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/inf/ArgumentType.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/impl/type/StringArgumentType.java  
\*  
/opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/inf/ArgumentParserException.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/helper/TextHelper.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/internal/ArgumentImpl.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/internal/SubparsersImpl.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/helper/ASCIITextWidthCounter.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/inf/ArgumentGroup.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/inf/ArgumentChoice.java  
\*  
/opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/helper/PrefixPattern.java  
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\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/impl/type/BooleanArgumentType.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/inf/MetavarInference.java  
\* /opt/cola/permits/1260522043\_1643170161.62/0/argparse4j-0-7-0-sources-  
jar/net/sourceforge/argparse4j/impl/type/CaseInsensitiveEnumArgumentType.java

## 1.185 jakarta-inject-api 2.0.1

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# 1.186 gojsonschema 1.2.0

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# 1.190 go-shellwords 1.0.12

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# 1.191 color 1.13.0

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# 1.192 evanphx-json-patch

## 4.12.0+incompatible

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# 1.193 golang-genproto 0.0.0-20220107163113-42d7afdf6368

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# 1.196 go-strcase 1.2.0

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```
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/AesCbcHmacSha2ContentEncryptionAlgorithm.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/JsonWebKeySet.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/keys/HmacKey.java
*
/opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/mac/MacUtil.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwx/KeyValidationSupport.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/ContentEncryptionKeyDescriptor.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwt/consumer/IssValidator.java
```

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwa/AlgorithmAvailability.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/JwtClaims.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/keys/EcKeyUtil.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/JsonWebKey.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwx/Headers.java  
 \*  
 /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwe/JsonWebEncryption.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwt/consumer/NumericDateValidator.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwe/KeyManagementAlgorithm.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwa/AlgorithmInfo.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/JsonHelp.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwa/AlgorithmFactory.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwa/AlgorithmConstraints.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwk/OctetSequenceJsonWebKey.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/EcJwkGenerator.java  
 \*  
 /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwe/KeyManagementAlgorithmIdentifiers.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwe/InitializationVectorHelp.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwe/CipherStrengthSupport.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/IntegrityException.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jws/BaseSignatureAlgorithm.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwt/consumer/SubValidator.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
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 \*  
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 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/lang/UnresolvableKeyException.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/keys/PbkdfKey.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwt/consumer/JwsCustomizer.java  
 \* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
 jar/org/jose4j/jwe/kdf/PasswordBasedKeyDerivationFunction2.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/zip/DeflateRFC1951CompressionAlgorithm.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/GeneralJwtException.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwe/EcdhKeyAgreementAlgorithm.java

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\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jws/JsonWebSignature.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/consumer/JwtContext.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/keys/RsaKeyUtil.java

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/opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/NumericDate.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/consumer/JtiValidator.java

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\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jws/EcdsaUsingShaAlgorithm.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/consumer/InvalidJwtException.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/consumer/JweCustomizer.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/BouncyCastleProviderHelp.java

\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/MalformedClaimException.java

\*

/opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwe/EcdhKeyAgreementWithAesKeyWrapAlgorithm.java

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\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-

```

jar/org/jose4j/keys/BigEndianBigInteger.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwx/CompactSerializer.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/PublicJsonWebKey.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/json/JsonUtil.java
*
/opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/http/SimpleGet.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/keys/AesKey.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/StringUtil.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/ContentEncryptionHelp.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jws/JsonWebSignatureAlgorithm.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/lang/InvalidAlgorithmException.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/zip/CompressionAlgorithm.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/keys/resolvers/DecryptionKeyResolver.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/DirectKeyManagementAlgorithm.java
*
/opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/keys/KeyPairUtil.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jws/AlgorithmIdentifiers.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/ByteGenerator.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/KeyOperations.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwk/EllipticCurveJsonWebKey.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/JsonException.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/AesKeyWrapManagementAlgorithm.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/ContentEncryptionAlgorithm.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/HashUtil.java
*
/opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/ExceptionHelp.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/lang/UncheckedJsonException.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwa/AlgorithmFactoryFactory.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/RsaJwkGenerator.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/json/JsonHeaderUtil.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/OctJwkGenerator.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwt/consumer/JwtConsumerBuilder.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/Use.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwt/consumer/ErrorCodes.java
*

```

```

/opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwk/VerificationJwkSelector.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwt/consumer/ErrorCodeValidator.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/keys/X509Util.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/ContentEncryptionKeys.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwx/CompactSerialization.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwt/ReservedClaimNames.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwt/consumer/SimpleKeyResolver.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwe/CipherUtil.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/Pbes2HmacShaWithAesKeyWrapAlgorithm.java
*
/opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/http/Get.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jca/ProviderContext.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwx/JsonWebStructure.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwt/consumer/ErrorCodeValidatorAdapter.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/keys/resolvers/JwksVerificationKeyResolver.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jws/HmacUsingShaAlgorithm.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/keys/resolvers/JwksDecryptionKeyResolver.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/lang/ByteUtil.java
*
/opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jws/RsaUsingShaAlgorithm.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/IntDate.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/ContentEncryptionAlgorithmIdentifiers.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwx/HeaderParameterNames.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/base64url/Base64Url.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/base64url/SimplePEMEncoder.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwt/consumer/Validator.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/keys/resolvers/HttpsJwksVerificationKeyResolver.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/keys/resolvers/X509VerificationKeyResolver.java
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\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
jar/org/jose4j/base64url/internal/apache/commons/codec/binary/Base64.java  
\*  
/opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
jar/org/jose4j/base64url/internal/apache/commons/codec/binary/BaseNCodec.java  
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\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/SelectorSupport.java  
\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
jar/org/jose4j/lang/InvalidKeyException.java  
\* /opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/SimpleJwkFilter.java  
\*  
/opt/cola/permits/1285265896\_1646894814.64/0/jose4j-0-7-9-sources-  
jar/org/jose4j/jwk/DecryptionJwkSelector.java

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```
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwe/kdf/KdfUtil.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/kdf/ConcatKeyDerivationFunction.java
* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/kdf/ConcatKeyDerivationFunctionFactory.java
*
/opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-
jar/org/jose4j/jwe/kdf/ConcatenationKeyDerivationFunctionWithSha256.java
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* /opt/cola/permits/1285265896_1646894814.64/0/jose4j-0-7-9-sources-jar/org/jose4j/jwk/HttpsJwks.java
```



# 1.199 etcd-client-pkg 3.5.2

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# 1.202 go-logr-stdr 1.2.2

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## 1.205 zlib 1.2.12

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\* zlib.h -- interface of the 'zlib' general purpose compression library  
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jloup@gzip.org     madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

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## 1.208 animal-sniffer-annotation 1.21

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Found in path(s):

```
* /opt/cola/permits/1319211632_1651231549.68/0/animal-sniffer-annotations-1-21-sources-
jar/org/codehaus/mojo/animal_sniffer/IgnoreJRERequirement.java
```



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Found in path(s):

\* /opt/cola/permits/1319211632\_1651231549.68/0/animal-sniffer-annotations-1-21-sources-jar/META-INF/maven/org.codehaus.mojo/animal-sniffer-annotations/pom.xml

## 1.209 treeprint 1.1.0

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## 1.211 moby-sys-symlink 0.2.0

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## 1.214 golang-protobuf-extensions 1.0.2- 0.20181231171920-c182affec369



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## 1.215 logr 1.2.3

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```
import: ../../../../fossene/db/schema/thing.yml
```

```
fields:
```

```
 site: string
```

```
 author: root
```

## 1.220 mitchellh-mapstructure 1.5.0

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# Files that don't get a copyright, or which are taken from elsewhere.

#

# All lines in this file are patterns, including the comment lines; this

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#

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#

builds/unix/pkg.m4

#

```
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
```

```
src/tools/apinames.c
src/tools/frandom/frandom.c
#
subprojects/dlg
#
#
EOF
```

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## 1.225 jakarta-validation-api 3.0.2

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Found in path(s):

```
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ValidateUnwrappedValue.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/executable/ValidateOnExecution.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/AssertTrue.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintDefinitionException.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Positive.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Digits.java
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* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ValidatorContext.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/CascableDescriptor.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ExecutableDescriptor.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/Configuration.java
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/opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/MethodDescriptor.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/spi/package-info.java
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\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/groups/Default.java

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/GroupDefinitionException.java

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/FutureOrPresent.java

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/NotBlank.java

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\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ValidationProviderResolver.java

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/NegativeOrZero.java

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/opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/NotEmpty.java

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/valueextraction/ExtractedValue.java

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraintvalidation/ValidationTarget.java

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/UnexpectedTypeException.java

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/CrossParameterDescriptor.java

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\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/BootstrapConfiguration.java

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\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/valueextraction/package-info.java

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jar/jakarta/validation/constraints/package-info.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-
jar/jakarta/validation/executable/ExecutableType.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-
jar/jakarta/validation/metadata/MethodType.java
* /opt/cola/permits/1343263537_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-
jar/jakarta/validation/metadata/ContainerDescriptor.java
No license file was found, but licenses were detected in source scan.
```

```
<!--
~ Jakarta Bean Validation API
~
~ License: Apache License, Version 2.0
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-->
<![CDATA[
Comments to: bean-validation-dev@eclipse.org.

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```

Found in path(s):

\* /opt/cola/permits/1343263537\_1655119212.9029043/0/jakarta-validation-api-3-0-2-sources-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml

## 1.226 reflectwalk 1.0.2

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## 1.227 felixge-httpsnoop 1.0.3

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# 1.228 kubernetes-api 0.24.0

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# 1.229 kube-openapi 0.0.0-20220328201542-3ee0da9b0b42

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```

```
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package spec

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL string `json:"url,omitempty"`
}
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```

```
package spec
```

```
import "testing"
```

```
func TestIntegrationLicense(t *testing.T) {
 license := License{Name: "the name", URL: "the url"}
 const licenseJSON = `{"name":"the name","url":"the url"}`
 const licenseYAML = "name: the name\nurl: the url\n"
```

```
 assertSerializeJSON(t, license, licenseJSON)
 assertParsesJSON(t, licenseJSON, license)
}
```

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Gocheck - A rich testing framework for Go

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## 1.233 controller-runtime 0.12.1

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David Williamson <david.williamson@docker.com> (github: davidwilliamson)

Aaron Lehmann <aaron.lehmann@docker.com> (github: aaronlehmann)

Lewis Marshall <lewis@flynn.io> (github: lmars)

Jonathan Rudenberg <jonathan@flynn.io> (github: titanous)

procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Stephen J Day <[stephen.day@docker.com](mailto:stephen.day@docker.com)>  
Tamir Duberstein <[tamird@gmail.com](mailto:tamird@gmail.com)>

Todd Eisenberger <teisenberger@dropbox.com>  
Tormod Erevik Lea <tormodlea@gmail.com>  
Vyacheslav Kim <kane@sendgrid.com>  
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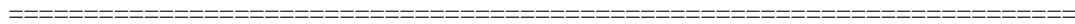
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Lietar <lietar@google.com>  
Pierre Phaneuf <pphaneuf@google.com>  
Rob Percival <robpercival@google.com>  
Rob Stradling <rob@comodo.com>  
Roland Shoemaker <roland@letsencrypt.org>  
Ruslan Kovalov <ruslan.kovalyov@gmail.com>  
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## 1.236 reactive-streams 1.0.4

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localtime.go, localtime\_test.go:

Originals:

<https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil.go>

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Changes:

- \* Renamed files from civil\* to localtime\*.
- \* Package changed from civil to toml.
- \* 'Local' prefix added to all structs.

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## 1.239 zlib 1.2.11

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

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# 1.244 sqlx 1.3.5

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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## 1.248 go-ping-ping 1.1.0

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# 1.252 go.uber.org/atomi 1.10.0

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# 1.253 protobuf 1.27.1

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# 1.262 sys-mountinfo 0.6.2

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## 1.265 simpleclient\_tracer\_otel 0.16.0

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\* /opt/cola/permits/1417007497\_1663222176.7797983/0/simpleclient-tracer-otel-0-16-0-jar/META-  
INF/maven/io.prometheus/simpleclient\_tracer\_otel/pom.xml

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Manifest-Version: 1.0

Bnd-LastModified: 1655327871630

Build-Jdk: 11.0.15

Built-By: fabian

Bundle-Description: The Prometheus Java Suite: Client Metrics, Exposition,  
and Examples

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: Prometheus Java Span Context Supplier - OpenTelemetry

Bundle-SymbolicName: io.prometheus.simpleclient\_tracer\_otel

Bundle-Version: 0.16.0

Created-By: Apache Maven Bundle Plugin



Export-Package: io.prometheus.client.exemplars.tracer.otel;uses:="io.prometheus.client.exemplars.tracer.common";version="0.16.0"

Import-Package: io.opentelemetry.api.trace;resolution:=optional,io.prometheus.client.exemplars.tracer.common;version="[0.16,1)"

Tool: Bnd-2.1.0.20130426-122213

Found in path(s):

\* /opt/cola/permits/1417007497\_1663222176.7797983/0/simpleclient-tracer-otel-0-16-0-jar/META-INF/MANIFEST.MF

## 1.266 simpleclient-common 0.16.0

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## 1.267 simpleclient-httpserver 0.16.0

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## 1.268 simpleclient\_tracer\_otel\_agent 0.16.0

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\* /opt/cola/permits/1417007584\_1663222288.9837213/0/simpleclient-tracer-otel-agent-0-16-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_tracer\_otel\_agent/pom.xml

# 1.269 simpleclient-hotspot 0.16.0

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Manifest-Version: 1.0  
Bnd-LastModified: 1655327979490  
Build-Jdk: 11.0.15  
Built-By: fabian  
Bundle-Description: Collectors of data from Java Hotspot.  
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>  
Bundle-ManifestVersion: 2  
Bundle-Name: Prometheus Java Simpleclient Hotspot  
Bundle-SymbolicName: io.prometheus.simpleclient\_hotspot  
Bundle-Version: 0.16.0  
Created-By: Apache Maven Bundle Plugin  
Export-Package: io.prometheus.client.hotspot;uses:="io.prometheus.client";version="0.16.0"  
Import-Package: com.sun.management,io.prometheus.client;version="[0.16,1)",javax.management,javax.management.openmbean  
Tool: Bnd-2.1.0.20130426-122213

Found in path(s):

\* /opt/cola/permits/1417007560\_1663222261.4278126/0/simpleclient-hotspot-0-16-0-jar/META-INF/MANIFEST.MF

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# 1.270 scala-logging\_2.13 3.9.4

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# 1.271 x-sys 0.0.0-20220728004956-3c1f35247d10

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# 1.272 google-go-cmp 0.5.9

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# 1.273 go-openapi-swag 0.22.3

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 */
```

Found in path(s):

```
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/ByteStream.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/Callback.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtConstructor.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/InnerClassesAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/Lex.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtNewClass.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/NewExpr.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/CodeIterator.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
```

```

jar/javassist/CtNewWrappedConstructor.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/expr/FieldAccess.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/reflect/Loader.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/analysis/IntQueue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/Member.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/scopedpool/ScopedClassPool.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/LineNumberAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/BinExpr.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/StackMap.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/runtime/Desc.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/scopedpool/SoftValueHashMap.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/web/Viewer.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/stackmap/BasicBlock.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/FactoryHelper.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/Modifier.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/analysis/Type.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/NestMembersAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/ByteArrayClassPath.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/MemberCodeGen.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/NestHostAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/KeywordTable.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/expr/Expr.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/Pair.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/ClassClassPath.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-

```

jar/javassist/bytecode/AccessFlag.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/convert/Transformer.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/util/HotSwapAgent.java  
\*  
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\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/bytecode/FieldInfo.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/tools/rmi/ObjectNotFoundException.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/convert/TransformNewClass.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/runtime/Inner.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/ClassMap.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/ClassPoolTail.java  
\*  
/opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/ClassPath.java  
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\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
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\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
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\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/ClassPool.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/bytecode/DeprecatedAttribute.java  
\*  
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\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-  
jar/javassist/CtNewMethod.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypeData.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtPrimitiveType.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/MapMaker.java  
 \*  
 /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/InstanceOfExpr.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/util/proxy/SerializedProxy.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/expr/ExprEditor.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/Translator.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/LoaderClassPath.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Analyzer.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/convert/TransformReadField.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/expr/Handler.java  
 \*  
 /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolFactory.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/NoSuchClassError.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/BadBytecode.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Stmnt.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/ByteArray.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Symbol.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/convert/TransformCall.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/convert/TransformFieldAccess.java  
 \*  
 /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/AppletServer.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/Parser.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/util/proxy/Proxy.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Keyword.java  
 \* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-



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jar/javassist/expr/NewArray.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/CallExpr.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/CodeConverter.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/DoubleConst.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/convert/TransformAccessArrayField.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/rmi/ObjectImporter.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/reflect/CannotReflectException.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/convert/TransformWriteField.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/Opcode.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/EnclosingMethodAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/analysis/MultiArrayType.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/reflect/Compiler.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/ProxyObjectOutputStream.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/Declarator.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/CannotCompileException.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/stackmap/Tracer.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtBehavior.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/IntConst.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/expr/MethodCall.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/framedump.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/DefinePackageHelper.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/analysis/Subroutine.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/JvstCodeGen.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-

```

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jar/javassist/convert/TransformBefore.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtMethod.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/Visitor.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/Loader.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/CodeGen.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/analysis/FramePrinter.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/rmi/StubGenerator.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/runtime/DotClass.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/CodeAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/ConstPool.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/SerialVersionUID.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/FieldDecl.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/LongVector.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/ExceptionsAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/stackmap/TypedBlock.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/StackMapTable.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/LocalVariableAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/ClassFileWriter.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/ExceptionTable.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/rmi/RemoteRef.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/rmi/Proxy.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/Javac.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtMember.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-

```

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jar/javassist/compiler/ast/CondExpr.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/CtNewConstructor.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/expr/ConstructorCall.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/analysis/Executor.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/SyntaxError.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/SymbolTable.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/reflect/ClassMetaobject.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/rmi/Sample.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/tools/Dump.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/CtNewWrappedMethod.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/MethodHandler.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/ProxyObject.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/JvstTypeChecker.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/analysis/ControlFlow.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/NotFoundException.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/scopedpool/ScopedClassPoolRepository.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/SyntheticAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/AccessorMaker.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/reflect/Sample.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/reflect/Metaobject.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/MethodFilter.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/runtime/Cflow.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/CompileError.java
*

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/opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtClass.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotCreateException.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/Bytecode.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ASTList.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtArray.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypeTag.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/util/proxy/DefineClassHelper.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/MultiType.java  
\*  
/opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/MethodInfo.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFile.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/AnnotationDefaultAttribute.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/expr/Instanceof.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/MethodDecl.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/AssignExpr.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/Mnemonic.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Util.java  
\*  
/opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/compiler/NoFieldException.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/expr/Cast.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/DuplicateMemberException.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Metalevel.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationImpl.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/URLClassPath.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/Descriptor.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/util/HotSwapper.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

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jar/javassist/tools/rmi/RemoteException.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/annotation/AnnotationsWriter.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/MemberResolver.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/LocalVariableTypeAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/Expr.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/SourceFileAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/convert/TransformNew.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/ArrayInit.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/reflect/CannotInvokeException.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/SecurityActions.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/ProxyObjectInputStream.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/InstructionPrinter.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/web/Webserver.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/StringL.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/TokenId.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/compiler/ast/Variable.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/util/proxy/RuntimeSupport.java
*
/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/AttributeInfo.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/SignatureAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/tools/reflect/Reflection.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/AnnotationsAttribute.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-
jar/javassist/bytecode/analysis/SubroutineScanner.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtField.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-

```

jar/javassist/expr/NewExpr.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/CodeAnalyzer.java

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/\*

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Found in path(s):

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/FloatMemberValue.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/MemberValueVisitor.java

\*

/opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/MemberValue.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/LongMemberValue.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/CharMemberValue.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/ByteMemberValue.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/ClassMemberValue.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/Annotation.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-

jar/javassist/bytecode/annotation/ArrayMemberValue.java

\*

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jar/javassist/bytecode/annotation/DoubleMemberValue.java

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jar/javassist/bytecode/annotation/ShortMemberValue.java

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jar/javassist/bytecode/annotation/IntegerMemberValue.java

\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/StringMemberValue.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/EnumMemberValue.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/BooleanMemberValue.java  
\* /opt/cola/permits/1434218610\_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationMemberValue.java

# 1.275 docker-go 1.5.1-1.0.20160303222718-d30aec9fd63c

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## 1.280 uniseg 0.4.2

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## 1.281 cast 1.5.0

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## 1.282 python-setuptools 65.5.0

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## 1.286 x-text 0.4.0

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## 1.291 x-text 0.3.8

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# 1.292 go-autorest-logging 0.2.1

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# 1.293 docker-credential-helpers 0.7.0

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## 1.294 gettext-go 1.0.2

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## 1.295 lib-pq 1.10.7

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```
//go:build go1.10
// +build go1.10
```

```
package pq
```

```
import (
 "context"
 "database/sql/driver"
)
```

```
// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
```

```

return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A
// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
 c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
//
// on it.
type NoticeHandlerConnector struct {
 driver.Connector
 noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
 c, err := n.Connector.Connect(ctx)
 if err == nil {
 SetNoticeHandler(c, n.noticeHandler)
 }
 return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
 if c, ok := c.(*NoticeHandlerConnector); ok {
 return c.noticeHandler
 }
 return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and
// setting the notice
// handler. A nil notice handler may be used to unset it.

```

```
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
 if c, ok := c.(*NoticeHandlerConnector); ok {
 c.noticeHandler = handler
 return c
 }
 return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}
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```

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## 1.296 btree 1.1.2

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## 1.297 exponent-io-jsonpath 0.0.0-20210407135951-1de76d718b3f

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## 1.298 go-restful 3.9.0

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## 1.299 go-errors-errors 1.4.2

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## 1.304 mergo 0.3.6

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```
import: ../../../../fossene/db/schema/thing.yml
```

fields:

site: string

author: root

# 1.305 x-sys 0.0.0-20220823224334-20c2bfdbfe24

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# 1.306 scala 2.13.10.v20221008-124105-VFINAL-4905801

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (a, b) => ... }`

```
val x: ((Int, Int) => Int) = (((a, b)) => a)
```

^

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (param1, param2) => ... }`

```
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)
```

^

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the

Tuple3,

or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }`

```
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
```

^

3 errors

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the Scala {{ site.latestScalaVersion }} spec.</div>
{% endif %}
```

ASM: a very small and fast Java bytecode manipulation framework

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// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is the
// same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
 params = &CheckoutLicenseInput{ }
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType
```

```

// Unique, case-sensitive identifier that you provide to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name
// (ARN) of the checkout license.
LicenseArn *string

```

```

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
 }
 err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
}

```

```

}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack);
err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutLicense",
 }
}

```

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# 1.310 scala 2.13.10

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (a, b) => ... }`

```
val x: ((Int, Int) => Int) = (((a, b)) => a)
```

^

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (param1, param2) => ... }`

```
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)
```

^

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the

Tuple3,

or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }`

```
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
```

^

3 errors

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jloup@gzip.org      madler@alumni.caltech.edu

# 1.314 docker 20.10.21+incompatible

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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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  
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\* Contains the polynomial classes used in the NTRU round 3 algorithm.  
\*  
\* <p>  
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\*  
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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>

\* This implementation is based on the C reference implementation submitted for the round 3 NIST PQC 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>

\*

\* @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>

\*/

Found in path(s):

\* /opt/cola/permits/1487838996\_1674089109.076011/0/src-116-zip/org/bouncycastle/pqc/crypto/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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\* /opt/cola/permits/1487838996\_1674089109.076011/0/src-116-  
zip/org/bouncycastle/pqc/crypto/sphincs/SPHINCS256Signer.java

# 1.316 grpc-go 1.51.0

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```
* /opt/cola/permits/1491622011_1669808758.5248902/0/project-nisei-cobra-v1-6-1-0-g6ee412e-1-tar-gz/Project-NISEI-cobra-6ee412e/app/assets/javascripts/awesocomplete.js
```

# 1.318 masterminds-semver 3.2.0

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## 1.320 httpcore5-h 5.1.5

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 *
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```

Found in path(s):

```
* /opt/cola/permits/1501588120_1670483215.5467482/0/scala-collection-compat-2-13-2-6-0-sources-2-jar/scala/collection/compat/package.scala
* /opt/cola/permits/1501588120_1670483215.5467482/0/scala-collection-compat-2-13-2-6-0-sources-2-jar/scala/collection/compat/immutable/package.scala
* /opt/cola/permits/1501588120_1670483215.5467482/0/scala-collection-compat-2-13-2-6-0-sources-2-jar/scala/util/control/compat/package.scala
```

## 1.324 scala-java8-compat\_2.13 1.0.2

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```
Manifest-Version: 1.0
Automatic-Module-Name: scala.compat.java8
Bnd-LastModified: 1635385851336
Bundle-Description: scala-java8-compat
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0;description=Apache-2.0
```

Bundle-ManifestVersion: 2  
Bundle-Name: scala-java8-compat  
Bundle-SymbolicName: org.scala-lang.modules.scala-java8-compat  
Bundle-Vendor: org.scala-lang.modules  
Bundle-Version: 1.0.2  
Created-By: 1.8.0\_312 (Temurin)  
Export-Package: scala.compat.java8;version="1.0.2";uses:="scala,scala.collection,scala.collection.convert,scala.compat.java8.converterImpl,scala.concurrent,scala.concurrent.duration,scala.jdk,scala.reflect,scala.runtime,scala.runtime.java8",scala.compat.java8.FunctionConverters;version="1.0.2";uses:="scala,scala.compat.java8,scala.reflect,scala.runtime",scala.compat.java8.collectionImpl;version="1.0.2";uses:="scala.collection,scala.jdk,scala.reflect",scala.compat.java8.converterImpl;version="1.0.2";uses:="scala,scala.collection,scala.collection.convert,scala.jdk,scala.reflect,scala.runtime",scala.compat.java8.functionConverterImpls;version="1.0.2";uses:="scala,scala.reflect,scala.runtime",scala.compat.java8.wrappers;version="1.0.2"  
Implementation-Title: scala-java8-compat  
Implementation-URL: <http://www.scala-lang.org/>  
Implementation-Vendor: org.scala-lang.modules  
Implementation-Vendor-Id: org.scala-lang.modules  
Implementation-Version: 1.0.2  
Import-Package: scala;version="[2.13,3)",scala.collection;version="[2.13,3)",scala.collection.convert;version="[2.13,3)",scala.collection.mutable;version="[2.13,3)",scala.compat.java8.collectionImpl;version="[1.0,2)",scala.compat.java8.converterImpl;version="[1.0,2)",scala.compat.java8.functionConverterImpls;version="[1.0,2)",scala.compat.java8.wrappers;version="[1.0,2)",scala.concurrent;version="[2.13,3)",scala.concurrent.duration;version="[2.13,3)",scala.concurrent.impl;version="[2.13,3)",scala.jdk;version="[2.13,3)",scala.jdk.javaapi;version="[2.13,3)",scala.reflect;version="[2.13,3)",scala.runtime;version="[2.13,3)",scala.runtime.java8;version="[2.13,3)",scala.util;version="[2.13,3)"  
Private-Package: scala.concurrent.java8  
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"  
Specification-Title: scala-java8-compat  
Specification-Vendor: org.scala-lang.modules  
Specification-Version: 1.0.2  
Tool: Bnd-5.1.2.202007211702

Found in path(s):

\* /opt/cola/permits/1501589067\_1670483251.2627988/0/scala-java8-compat-2-13-1-0-2-2-jar/META-INF/MANIFEST.MF

## 1.325 zap 1.24.0



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\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/AbstractTableFilter.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/MutableOptionValue.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/HashLinkedListMemTableConfig.java

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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/AbstractMutableOptions.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/TableProperties.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/util/Environment.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/MutableOptionKey.java
*
/opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/SkipListMemTableConfig.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/SizeApproximationFlag.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/CompactionStopStyle.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/HashSkipListMemTableConfig.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/MutableDBOptionsInterface.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/TableFilter.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/TransactionLogIterator.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/NativeLibraryLoader.java
*
/opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/InfoLogLevel.java
No license file was found, but licenses were detected in source scan.
```

```
// Copyright (c) 2011-present, Facebook, Inc. All rights reserved.
// This source code is licensed under both the GPLv2 (found in the
```

Found in path(s):

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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/StatsLevel.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/ThreadStatus.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/BlockBasedTableConfig.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/HistogramType.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/RocksDBException.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/TableFormatConfig.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/CompactionOptions.java
*
/opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/ExternalFileIngestionInfo.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
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jar/org/rocksdb/CompactionJobInfo.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/OptimisticTransactionOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/RocksObject.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/SstFileWriter.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Statistics.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/AbstractCompactionFilterFactory.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/DbPath.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/StatisticsCollectorCallback.java  
 \*  
 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/StateType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/TxnDBWritePolicy.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/PersistentCache.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/WalProcessingOption.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Experimental.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Logger.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/ReusedSynchronisationType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/DBOptionsInterface.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/AbstractTransactionNotifier.java  
 \*  
 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/ClockCache.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/ColumnFamilyMetaData.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/WALRecoveryMode.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/WriteBatchInterface.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/CompactionOptionsFIFO.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/NativeComparatorWrapper.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/ThreadType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/TtlDB.java  
 \*  
 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/MutableColumnFamilyOptionsInterface.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/LevelMetaData.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/AbstractWalFilter.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/WriteStallInfo.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/OptionsUtil.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/RocksCallbackObject.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/util/SizeUnit.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/ColumnFamilyDescriptor.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/CompactionOptionsUniversal.java  
 \*  
 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/ColumnFamilyHandle.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/IngestExternalFileOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Snapshot.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/MemoryUtil.java  
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 jar/org/rocksdb/SstFileReader.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/BackupEngine.java  
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 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/StatsCollectorInput.java  
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 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/IndexShorteningMode.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Range.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/RocksDB.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/ComparatorOptions.java  
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 jar/org/rocksdb/CompactionPriority.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/util/ReverseBytewiseComparator.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/WriteBatch.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/RateLimiterMode.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/SstFileManager.java  
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 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Options.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/AbstractWriteBatch.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-

jar/org/rocksdb/HistogramData.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Slice.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/ColumnFamilyOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/ReadTier.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/WriteStallCondition.java  
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 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/TransactionDBOptions.java  
 \*  
 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/AccessHint.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/TraceWriter.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/DirectSlice.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/AdvancedMutableColumnFamilyOptionsInterface.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/MemoryUsageType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/TransactionOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Transaction.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/ComparatorType.java  
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 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/MutableDBOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/StatisticsCollector.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/AbstractEventListener.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/EncodingType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/SstFileMetaData.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/FlushReason.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/TableFileCreationBriefInfo.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/OperationType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/LiveFileMetaData.java  
 \*  
 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/ColumnFamilyOptionsInterface.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/LRUCache.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/MutableColumnFamilyOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-

jar/org/rocksdb/CompactionJobStats.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/FlushOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/CompressionType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/RocksEnv.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/FileOperationInfo.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/BuiltinComparator.java  
 \*  
 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/IndexType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/TableFileCreationReason.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/TransactionalDB.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/DataBlockIndexType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/AbstractCompactionFilter.java  
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 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/WriteBufferManager.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
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 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
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 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/SstFileReaderIterator.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/BackupEngineOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/CompactRangeOptions.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/EventListener.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/RocksIterator.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Filter.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/TickerType.java  
 \*  
 /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/AbstractComparatorJniBridge.java  
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 jar/org/rocksdb/ChecksumType.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Env.java  
 \* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-  
 jar/org/rocksdb/RemoveEmptyValueCompactionFilter.java



\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/BackgroundReason.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/CompactionReason.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/KeyMayExist.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/RocksIteratorInterface.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/SstPartitionerFactory.java

\*

/opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/BloomFilter.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/MemTableConfig.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/TraceOptions.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/TransactionDB.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/util/BytewiseComparator.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/LogFile.java

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\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/AbstractSlice.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/AbstractComparator.java

\*

/opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/WalFileType.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/TableFileDeletionInfo.java

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\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/RocksMemEnv.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/RestoreOptions.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/OperationStage.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/WriteBatchWithIndex.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/AbstractRocksIterator.java

\*

/opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/AdvancedColumnFamilyOptionsInterface.java

\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/EnvOptions.java

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\* /opt/cola/permits/1515188939\_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/ReadOptions.java

```
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/WBWIRocksIterator.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/util/IntComparator.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Checkpoint.java
*
/opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/DBOptions.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/OptimisticTransactionDB.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/MemTableInfo.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/SstPartitionerFixedPrefixFactory.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-jar/org/rocksdb/Cache.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/CompressionOptions.java
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jar/org/rocksdb/MergeOperator.java
* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
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* /opt/cola/permits/1515188939_1671567706.271915/0/rocksdbjni-7-1-2-sources-
jar/org/rocksdb/CassandraCompactionFilter.java
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jar/org/objectweb/asm/signature/package.html
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\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Label.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/FieldWriter.java  
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\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Symbol.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/MethodTooLargeException.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Type.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/MethodVisitor.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Frame.java  
\*  
/opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Handle.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/ConstantDynamic.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Attribute.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/AnnotationWriter.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/RecordComponentVisitor.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/MethodWriter.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/ByteVector.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/signature/SignatureWriter.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/ClassTooLargeException.java  
\*  
/opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/AnnotationVisitor.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Opcodes.java  
\* /opt/cola/permits/1519295482\_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/CurrentFrame.java

```
* /opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-
jar/org/objectweb/asm/RecordComponentWriter.java
* /opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-
jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-
jar/org/objectweb/asm/SymbolTable.java
* /opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Edge.java
* /opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Constants.java
* /opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/Handler.java
*
/opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-
jar/org/objectweb/asm/ModuleVisitor.java
* /opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-jar/org/objectweb/asm/TypePath.java
* /opt/cola/permits/1519295482_1671725028.6043975/0/asm-9-4-sources-1-
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# 1.334 httpcore-nio 4.4.16

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## 1.337 go-openapi-jsonpointer 0.19.6

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* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/ConfigurationPath.java
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\*  
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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Display.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/JansiTerminalProvider.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jna/linux/LinuxNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/JansiNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/win/JansiWinSysTerminal.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/widget/AutosuggestionWidgets.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jna/osx/CLibrary.java  
\*  
/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Log.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-

```

jar/org/jline/terminal/impl/jna/osx/OsXNativePty.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/console/CmdLine.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/freebsd/FreeBsdNativePty.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/ScriptEngine.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/DefaultParser.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/JlineCommandRegistry.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/console/CmdDesc.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/CommandMethods.java
*
/opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/linux/CLibrary.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/solaris/CLibrary.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/AbstractCommandRegistry.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/solaris/SolarisNativePty.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/win/JnaWinSysTerminal.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/ColorPalette.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/ReaderUtils.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Signals.java
*
/opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/CompletionMatcher.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jna/JnaTerminalProvider.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/completer/SystemCompleter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/EndOfFileException.java

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\*  
/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/SyntaxError.java  
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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionFactory.java

\*

/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionListener.java

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class = org.jline.terminal.impl.exec.ExecTerminalProvider

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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-  
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class = org.jline.terminal.impl.jansi.JansiTerminalProvider
```

Found in path(s):

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/META-
INF/services/org/jline/terminal/provider/jansi
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```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/jansi/win/WindowsAnsiWriter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utis/AnsiWriter.java
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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/PortListener.java  
\*  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/Connection.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/TelnetIO.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionEvent.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionManager.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/telnet/ConnectionData.java  
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* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/package-
info.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Levenshtein.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/utils/AttributedString.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/Cursor.java
*
/opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/completer/AggregateCompleter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/history/package-info.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/Attributes.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/MouseSupport.java
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```

auto_left_margin, bw, bw
auto_right_margin, am, am
back_color_erase, bce, ut
can_change, ccc, cc
ceol_standout_glitch, xhp, xs
col_addr_glitch, xhpa, YA
cpi_changes_res, cpix, YF
cr_cancels_micro_mode, crxm, YB
dest_tabs_magic_smso, xt, xt
eat_newline_glitch, xenl, xn
erase_overstrike, eo, eo
generic_type, gn, gn
hard_copy, hc, hc
hard_cursor, chts, HC
has_meta_key, km, km
has_print_wheel, daisy, YC
has_status_line, hs, hs
hue_lightness_saturation, hls, hl
insert_null_glitch, in, in
lpi_changes_res, lpix, YG
memory_above, da, da
memory_below, db, db

```

move\_insert\_mode, mir, mi  
move\_standout\_mode, msgr, ms  
needs\_xon\_xoff, nxon, nx  
no\_esc\_ctlc, xsb, xb  
no\_pad\_char, npc,  
NP  
non\_dest\_scroll\_region, ndscr, ND  
non\_rev\_rmcup, nrrmc, NR  
over\_strike, os, os  
prtr\_silent, mc5i, 5i  
row\_addr\_glitch, xvpa, YD  
semi\_auto\_right\_margin, sam, YE  
status\_line\_esc\_ok, eslok, es  
tilde\_glitch, hz, hz  
transparent\_underline, ul, ul  
xon\_xoff, xon, xo  
columns, cols, co  
init\_tabs, it, it  
label\_height, lh, lh  
label\_width, lw, lw  
lines, lines, li  
lines\_of\_memory, lm, lm  
magic\_cookie\_glitch, xmc, sg  
max\_attributes, ma, ma  
max\_colors, colors, Co  
max\_pairs, pairs, pa  
maximum\_windows, wnum, MW  
no\_color\_video, ncv, NC  
num\_labels, nlab, Nl  
padding\_baud\_rate, pb, pb  
virtual\_terminal, vt, vt  
width\_status\_line, wsl, ws  
bit\_image\_entwining, bitwin, Yo  
bit\_image\_type, bitype, Yp  
buffer\_capacity, bufisz, Ya  
buttons, btns, BT  
dot\_horz\_spacing, spinh, Yc  
dot\_vert\_spacing, spinv, Yb  
max\_micro\_address, maddr, Yd  
max\_micro\_jump, mjump, Ye  
micro\_col\_size, mcs, Yf  
micro\_line\_size, mls, Yg  
number\_of\_pins, npins, Yh  
output\_res\_char, orc, Yi  
output\_res\_horz\_inch, orhi, Yk  
output\_res\_line, orl, Yj  
output\_res\_vert\_inch,

orvi, Yl  
print\_rate, cps, Ym  
wide\_char\_size, widcs, Yn  
acs\_chars, acsc, ac  
back\_tab, cbt, bt  
bell, bel, bl  
carriage\_return, cr, cr  
change\_char\_pitch, cpi, ZA  
change\_line\_pitch, lpi, ZB  
change\_res\_horz, chr, ZC  
change\_res\_vert, cvr, ZD  
change\_scroll\_region, csr, cs  
char\_padding, rmp, rP  
clear\_all\_tabs, tbc, ct  
clear\_margins, mgc, MC  
clear\_screen, clear, cl  
clr\_bol, e11, cb  
clr\_eol, el, ce  
clr\_eos, ed, cd  
column\_address, hpa, ch  
command\_character, cmdch, CC  
create\_window, cwin, CW  
cursor\_address, cup, cm  
cursor\_down, cud1, do  
cursor\_home, home, ho  
cursor\_invisible, civis, vi  
cursor\_left, cub1, le  
cursor\_mem\_address, mrcup, CM  
cursor\_normal, cnorm, ve  
cursor\_right, cuf1, nd  
cursor\_to\_ll, ll, ll  
cursor\_up, cuu1, up  
cursor\_visible, cvvis, vs  
define\_char, defc, ZE  
delete\_character, dch1, dc  
delete\_line, dl1, dl  
dial\_phone, dial, DI  
dis\_status\_line, dsl, ds  
display\_clock, dclk, DK  
down\_half\_line, hd, hd  
ena\_acs, enacs, eA  
enter\_alt\_charset\_mode, smacs, as  
enter\_am\_mode, smam,  
SA  
enter\_blink\_mode, blink, mb  
enter\_bold\_mode, bold, md  
enter\_ca\_mode, smcup, ti  
enter\_delete\_mode, smdc, dm

enter\_dim\_mode, dim, mh  
enter\_doublewide\_mode, swidm, ZF  
enter\_draft\_quality, sdrfq, ZG  
enter\_insert\_mode, smir, im  
enter\_italics\_mode, sitm, ZH  
enter\_leftward\_mode, slm, ZI  
enter\_micro\_mode, smicm, ZJ  
enter\_near\_letter\_quality, snlq, ZK  
enter\_normal\_quality, snrmq, ZL  
enter\_protected\_mode, prot, mp  
enter\_reverse\_mode, rev, mr  
enter\_secure\_mode, invis, mk  
enter\_shadow\_mode, sshm, ZM  
enter\_standout\_mode, smso, so  
enter\_subscript\_mode, ssubm, ZN  
enter\_superscript\_mode, ssupm, ZO  
enter\_underline\_mode, smul, us  
enter\_upward\_mode, sum, ZP  
enter\_xon\_mode, smxon, SX  
erase\_chars, ech, ec  
exit\_alt\_charset\_mode, rmacs, ae  
exit\_am\_mode, rmam, RA  
exit\_attribute\_mode, sgr0, me  
exit\_ca\_mode, rmcup, te  
exit\_delete\_mode, rmdc, ed  
exit\_doublewide\_mode, rwidm, ZQ  
exit\_insert\_mode, rmir, ei  
exit\_italics\_mode, ritm, ZR  
exit\_leftward\_mode, rlm, ZS  
exit\_micro\_mode, rmicm, ZT  
exit\_shadow\_mode, rshm,  
ZU  
exit\_standout\_mode, rmso, se  
exit\_subscript\_mode, rsubm, ZV  
exit\_superscript\_mode, rsupm, ZW  
exit\_underline\_mode, rmul, ue  
exit\_upward\_mode, rum, ZX  
exit\_xon\_mode, rmxon, RX  
fixed\_pause, pause, PA  
flash\_hook, hook, fh  
flash\_screen, flash, vb  
form\_feed, ff, ff  
from\_status\_line, fsl, fs  
goto\_window, wingo, WG  
hangup, hup, HU  
init\_1string, is1, i1  
init\_2string, is2, is  
init\_3string, is3, i3

init\_file, if, if  
init\_prog, iprog, iP  
initialize\_color, initc, Ic  
initialize\_pair, initp, Ip  
insert\_character, ich1, ic  
insert\_line, ill, al  
insert\_padding, ip, ip  
key\_a1, ka1, K1  
key\_a3, ka3, K3  
key\_b2, kb2, K2  
key\_backspace, kbs, kb  
key\_beg, kbeg, @1  
key\_btab, kcbt, kB  
key\_c1, kc1, K4  
key\_c3, kc3, K5  
key\_cancel, kcan, @2  
key\_catab, ktbc, ka  
key\_clear, kclr, kC  
key\_close, kclo, @3  
key\_command, kcmd, @4  
key\_copy, kcpy, @5  
key\_create, kcrt, @6  
key\_ctab, kctab, kt  
key\_dc, kdch1, kD  
key\_dl, kdl1, kL  
key\_down, kcud1, kd  
key\_eic, krmir, kM  
key\_end, kend, @7  
key\_enter, kent, @8  
key\_eol, kel, kE  
key\_eos,  
ked, kS  
key\_exit, kext, @9  
key\_f0, kf0, k0  
key\_f1, kf1, k1  
key\_f10, kf10, k;  
key\_f11, kf11, F1  
key\_f12, kf12, F2  
key\_f13, kf13, F3  
key\_f14, kf14, F4  
key\_f15, kf15, F5  
key\_f16, kf16, F6  
key\_f17, kf17, F7  
key\_f18, kf18, F8  
key\_f19, kf19, F9  
key\_f2, kf2, k2  
key\_f20, kf20, FA  
key\_f21, kf21, FB

key\_f22, kf22, FC  
key\_f23, kf23, FD  
key\_f24, kf24, FE  
key\_f25, kf25, FF  
key\_f26, kf26, FG  
key\_f27, kf27, FH  
key\_f28, kf28, FI  
key\_f29, kf29, FJ  
key\_f3, kf3, k3  
key\_f30, kf30, FK  
key\_f31, kf31, FL  
key\_f32, kf32, FM  
key\_f33, kf33, FN  
key\_f34, kf34, FO  
key\_f35, kf35, FP  
key\_f36, kf36, FQ  
key\_f37, kf37, FR  
key\_f38, kf38, FS  
key\_f39, kf39, FT  
key\_f4, kf4, k4  
key\_f40, kf40, FU  
key\_f41, kf41, FV  
key\_f42, kf42, FW  
key\_f43, kf43, FX  
key\_f44, kf44, FY  
key\_f45, kf45, FZ  
key\_f46, kf46, Fa  
key\_f47, kf47, Fb  
key\_f48, kf48, Fc  
key\_f49, kf49, Fd  
key\_f5, kf5, k5  
key\_f50, kf50, Fe  
key\_f51, kf51, Ff  
key\_f52, kf52, Fg  
key\_f53, kf53, Fh  
key\_f54, kf54, Fi  
key\_f55, kf55, Fj  
key\_f56, kf56, Fk  
key\_f57, kf57, Fl  
key\_f58, kf58,  
Fm  
key\_f59, kf59, Fn  
key\_f6, kf6, k6  
key\_f60, kf60, Fo  
key\_f61, kf61, Fp  
key\_f62, kf62, Fq  
key\_f63, kf63, Fr  
key\_f7, kf7, k7



key\_f8, kf8, k8  
key\_f9, kf9, k9  
key\_find, kfnd, @0  
key\_help, khlp, %1  
key\_home, khome, kh  
key\_ic, kich1, kI  
key\_il, kil1, kA  
key\_left, kcub1, kl  
key\_ll, kll, kH  
key\_mark, kmrk, %2  
key\_message, kmsg, %3  
key\_move, kmov, %4  
key\_next, knxt, %5  
key\_npage, knp, kN  
key\_open, kopn, %6  
key\_options, kopt, %7  
key\_ppage, kpp, kP  
key\_previous, kprv, %8  
key\_print, kpri, %9  
key\_redo, krdo, %0  
key\_reference, kref, &1  
key\_refresh, krfr, &2  
key\_replace, krpl, &3  
key\_restart, krst, &4  
key\_resume, kres, &5  
key\_right, kcuf1, kr  
key\_save, ksav, &6  
key\_sbeg, kBEG, &9  
key\_scancel, kCAN, &0  
key\_scommand, kCMD, \*1  
key\_scopy, kCPY, \*2  
key\_screate, kCRT, \*3  
key\_sdc, kDC, \*4  
key\_sdl, kDL, \*5  
key\_select, kslt, \*6  
key\_send, kEND, \*7  
key\_seol, kEOL, \*8  
key\_sexit, kEXT, \*9  
key\_sf, kind, kF  
key\_sfind, kFND, \*0  
key\_shelp, kHLP, #1  
key\_shome, kHOM, #2  
key\_sic, kIC, #3  
key\_sleft, kLFT, #4  
key\_smessage,  
kMSG, %a  
key\_smove, kMOV, %b  
key\_snext, kNXT, %c

key\_soptions, kOPT, %d  
key\_sprevious, kPRV, %e  
key\_sprint, kPRT, %f  
key\_sr, kri, kR  
key\_sredo, kRDO, %g  
key\_sreplace, kRPL, %h  
key\_sright, kRIT, %i  
key\_sresume, kRES, %j  
key\_ssav, kSAV, !1  
key\_ssuspend, kSPD, !2  
key\_stab, khts, kT  
key\_sundo, kUND, !3  
key\_suspend, kspd, &7  
key\_undo, kund, &8  
key\_up, kcuu1, ku  
keypad\_local, rmkx, ke  
keypad\_xmit, smkx, ks  
lab\_f0, lf0, l0  
lab\_f1, lf1, l1  
lab\_f10, lf10, la  
lab\_f2, lf2, l2  
lab\_f3, lf3, l3  
lab\_f4, lf4, l4  
lab\_f5, lf5, l5  
lab\_f6, lf6, l6  
lab\_f7, lf7, l7  
lab\_f8, lf8, l8  
lab\_f9, lf9, l9  
label\_format, fln, Lf  
label\_off, rmln, LF  
label\_on, smln, LO  
meta\_off, rmm, mo  
meta\_on, smm, mm  
micro\_column\_address, mhpa, ZY  
micro\_down, mcud1, ZZ  
micro\_left, mcub1, Za  
micro\_right, mcuf1, Zb  
micro\_row\_address, mvpa, Zc  
micro\_up, mcuu1, Zd  
newline, nel, nw  
order\_of\_pins, porder, Ze  
orig\_colors, oc, oc  
orig\_pair, op, op  
pad\_char, pad, pc  
parm\_dch, dch, DC  
parm\_delete\_line, dl, DL  
parm\_down\_cursor, cud, DO  
parm\_down\_micro,

mcud, Zf  
parm\_ich, ich, IC  
parm\_index, indn, SF  
parm\_insert\_line, il, AL  
parm\_left\_cursor, cub, LE  
parm\_left\_micro, mcub, Zg  
parm\_right\_cursor, cuf, RI  
parm\_right\_micro, mcuf, Zh  
parm\_rindex, rin, SR  
parm\_up\_cursor, cuu, UP  
parm\_up\_micro, mcuu, Zi  
pkey\_key, pfkey, pk  
pkey\_local, pfloc, pl  
pkey\_xmit, pfx, px  
plab\_norm, pln, pn  
print\_screen, mc0, ps  
prtr\_non, mc5p, pO  
prtr\_off, mc4, pf  
prtr\_on, mc5, po  
pulse, pulse, PU  
quick\_dial, qdial, QD  
remove\_clock, rmclk, RC  
repeat\_char, rep, rp  
req\_for\_input, rfi, RF  
reset\_1string, rs1, r1  
reset\_2string, rs2, r2  
reset\_3string, rs3, r3  
reset\_file, rf, rf  
restore\_cursor, rc, rc  
row\_address, vpa, cv  
save\_cursor, sc, sc  
scroll\_forward, ind, sf  
scroll\_reverse, ri, sr  
select\_char\_set, scs, Zj  
set\_attributes, sgr, sa  
set\_background, setb, Sb  
set\_bottom\_margin, smgb, Zk  
set\_bottom\_margin\_parm, smgbp, Zl  
set\_clock, sclk, SC  
set\_color\_pair, scp, sp  
set\_foreground, setf, Sf  
set\_left\_margin, smgl, ML  
set\_left\_margin\_parm, smglp, Zm  
set\_right\_margin,  
smgr, MR  
set\_right\_margin\_parm, smgrp, Zn  
set\_tab, hts, st  
set\_top\_margin, smgt, Zo

set\_top\_margin\_parm, smgtp, Zp  
set\_window, wind, wi  
start\_bit\_image, sbim, Zq  
start\_char\_set\_def, scsd, Zr  
stop\_bit\_image, rbim, Zs  
stop\_char\_set\_def, rcsd, Zt  
subscript\_characters, subcs, Zu  
superscript\_characters, supcs, Zv  
tab, ht, ta  
these\_cause\_cr, docr, Zw  
to\_status\_line, tsl, ts  
tone, tone, TO  
underline\_char, uc, uc  
up\_half\_line, hu, hu  
user0, u0, u0  
user1, u1, u1  
user2, u2, u2  
user3, u3, u3  
user4, u4, u4  
user5, u5, u5  
user6, u6, u6  
user7, u7, u7  
user8, u8, u8  
user9, u9, u9  
wait\_tone, wait, WA  
xoff\_character, xoffc, XF  
xon\_character, xonc, XN  
zero\_motion, zerom, Zx  
alt\_scancode\_esc, scesa, S8  
bit\_image\_carriage\_return, bicr, Yv  
bit\_image\_newline, binel, Zz  
bit\_image\_repeat, birep, Xy  
char\_set\_names, csnm, Zy  
code\_set\_init, csin, ci  
color\_names, colorm, Yw  
define\_bit\_image\_region, defbi, Yx  
device\_type, devt, dv  
display\_pc\_char, dispc, S1  
end\_bit\_image\_region, endbi, Yy  
enter\_pc\_charset\_mode,  
smpch, S2  
enter\_scancode\_mode, smsc, S4  
exit\_pc\_charset\_mode, rmpch, S3  
exit\_scancode\_mode, rmsc, S5  
get\_mouse, getm, Gm  
key\_mouse, kmous, Km  
mouse\_info, minfo, Mi  
pc\_term\_options, pctrm, S6

pkey\_plab, pfxl, xl  
req\_mouse\_pos, reqmp, RQ  
scancode\_escape, scesc, S7  
set0\_des\_seq, s0ds, s0  
set1\_des\_seq, s1ds, s1  
set2\_des\_seq, s2ds, s2  
set3\_des\_seq, s3ds, s3  
set\_a\_background, setab, AB  
set\_a\_foreground, setaf, AF  
set\_color\_band, setcolor, Yz  
set\_lr\_margin, smglr, ML  
set\_page\_length, slines, YZ  
set\_tb\_margin, smgtb, MT  
enter\_horizontal\_hl\_mode, ehhl, Xh  
enter\_left\_hl\_mode, elhl, Xl  
enter\_low\_hl\_mode, elohlm, Xo  
enter\_right\_hl\_mode, erhl, Xr  
enter\_top\_hl\_mode, ethlm, Xt  
enter\_vertical\_hl\_mode, evhl, Xv  
set\_a\_attributes, sgr1, sA  
set\_pglen\_inch, slength, sL

Found in path(s):

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utis/capabilities.txt

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#

black

maroon

green

olive

navy

purple

teal

silver

grey

red

lime

yellow

blue

fuchsia

aqua

white

grey0

navyblue

darkblue

blue3

blue3a

blue1

darkgreen

deepskyblue4

deepskyblue4a

deepskyblue4b  
dodgerblue3  
dodgerblue2  
green4  
springgreen4  
turquoise4  
deepskyblue3  
deepskyblue3a  
dodgerblue1  
green3  
springgreen3  
darkcyan  
lightseagreen  
deepskyblue2  
deepskyblue1  
green3a  
springgreen3a  
springgreen2  
cyan3  
darkturquoise  
turquoise2  
green1  
springgreen2a  
springgreen1  
mediumspringgreen  
cyan2  
cyan1  
darkred  
deeppink4  
purple4  
purple4a  
purple3  
blueviolet  
orange4  
grey37  
mediumpurple4  
slateblue3  
slateblue3a  
royalblue1  
chartreuse4  
darkseagreen4  
paleturquoise4  
steelblue  
steelblue3  
cornflowerblue  
chartreuse3  
darkseagreen4a  
cadetblue

cadetbluea  
skyblue3  
steelblue1  
chartreuse3a  
palegreen3  
seagreen3  
aquamarine3  
mediumpurple3  
steelblue1a  
chartreuse2  
seagreen2  
seagreen1  
seagreen1a  
aquamarine1  
darkslategray2  
darkreda  
deeppink4a  
darkmagenta  
darkmagentaa  
darkviolet  
purplea  
orange4a  
lightpink4  
plum4  
mediumpurple3  
mediumpurple3a  
slateblue1  
yellow4  
wheat4  
grey53  
lightslategrey  
mediumpurple  
lightslateblue  
yellow4a  
darkolivegreen3  
darkseagreen  
lightskyblue3  
lightskyblue3a  
skyblue2  
chartreuse2a  
darkolivegreen3a  
palegreen3a  
darkseagreen3  
darkslategray3  
skyblue1  
chartreuse1  
lightgreen  
lightgreena



palegreen1  
aquamarine1a  
darkslategray1  
red3  
deeppink4b  
mediumvioletred  
magenta3  
darkvioleta  
purpleb  
darkorange3  
indianred  
hotpink3  
mediumorchid3  
mediumorchid  
mediumpurple2  
darkgoldenrod  
lightsalmon3  
rosybrown  
grey63  
mediumpurple2a  
mediumpurple1  
gold3  
darkkhaki  
navajowhite3  
grey69  
lightsteelblue3  
lightsteelblue  
yellow3  
darkolivegreen3b  
darkseagreen3a  
darkseagreen2  
lightcyan3  
lightskyblue1  
greenyellow  
darkolivegreen2  
palegreen1a  
darkseagreen2a  
darkseagreen1  
paleturquoise1  
red3a  
deeppink3  
deeppink3a  
magenta3a  
magenta3b  
magenta2  
darkorange3a  
indianreda  
hotpink3a

hotpink2  
orchid  
mediumorchid1  
orange3  
lightsalmon3a  
lightpink3  
pink3  
plum3  
violet  
gold3a  
lightgoldenrod3  
tan  
mistyrose3  
thistle3  
plum2  
yellow3a  
khaki3  
lightgoldenrod2  
lightyellow3  
grey84  
lightsteelblue1  
yellow2  
darkolivegreen1  
darkolivegreen1a  
darkseagreen1a  
honeydew2  
lightcyan1  
red1  
deeppink2  
deeppink1  
deeppink1a  
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magenta1  
orangered1  
indianred1  
indianred1a  
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hotpinka  
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salmon1  
lightcoral  
palevioletred1  
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orchid1  
orange1  
sandybrown  
lightsalmon1

lightpink1  
pink1  
plum1  
gold1  
lightgoldenrod2a  
lightgoldenrod2b  
navajowhite1  
mistyrose1  
thistle1  
yellow1  
lightgoldenrod1  
khaki1  
wheat1  
cornsilk1  
grey100  
grey3  
grey7  
grey11  
grey15  
grey19  
grey23  
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grey42  
grey46  
grey50  
grey54  
grey58  
grey62  
grey66  
grey70  
grey74  
grey78  
grey82  
grey85  
grey89  
grey93

Found

in path(s):

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/colors.txt

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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/impl/AbstractTerminal.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Parser.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/console/impl/ConsoleEngineImpl.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/console/SystemRegistry.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Nano.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/TTop.java  
\*  
/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/history/DefaultHistory.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/DefaultHighlighter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/terminal/TerminalBuilder.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/AttributedStyle.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Styles.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/PrintAboveWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/LineReader.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Completers.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/console/ConsoleEngine.java  
\*  
/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/widget/TailTipWidgets.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/builtins/ConsoleOptionGetter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/reader/impl/CompletionMatcherImpl.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Highlighter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-  
jar/org/jline/utils/AttributedCharSequence.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/console/ArgDesc.java  
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#
class = org.jline.terminal.impl.jna.JnaTerminalProvider
```

Found in path(s):

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/services/org/jline/terminal/provider/jna
```

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```
/*
```

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*
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*
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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/NonBlockingPumpReader.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jna/win/JnaWinConsoleWriter.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/NopStyleSource.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Buffer.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/freebsd/FreeBsdNativePty.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleColor.java
```

```
*
```

```
/opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleBundleInvocationHandler.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/linux/LinuxNativePty.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/telnet/Telnet.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleBundle.java
```

```
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/Utils/WriterOutputStream.java
```

\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/ssh/ShellCommand.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/solaris/SolarisNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/BufferImpl.java  
\*  
/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/PumpReader.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/osx/OsXNativePty.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/MemoryStyleSource.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyledWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/AbstractWindowsConsoleWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/InterpolationHelper.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/NonBlockingPumpInputStream.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/ssh/Ssh.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/SimpleMaskingCallback.java  
\*  
/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleResolver.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/jansi/win/JansiWinConsoleWriter.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/ssh/ShellFactoryImpl.java  
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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/Diag.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/spi/TerminalProvider.java  
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\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/History.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/MaskingCallback.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/NonBlockingInputStream.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/NonBlockingInputStreamImpl.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/AttributedStringBuilder.java  
\*  
/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/ParsedLine.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/keymap/BindingReader.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/Terminal.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/StyleResolver.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleFactory.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/Styler.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/LineDisciplineTerminal.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/CompletingParsedLine.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/DumbTerminal.java  
\*  
/opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/Size.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/NonBlocking.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleExpression.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/impl/KillRing.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/NfaMatcher.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/NonBlockingReader.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/ExternalTerminal.java  
\* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/terminal/impl/PosixPtyTerminal.java

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*
/opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/utils/NonBlockingReaderImpl.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/terminal/impl/PosixSysTerminal.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Curses.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/style/StyleSource.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/reader/Completer.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Colors.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/utils/Timeout.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/completer/FileNameCompleter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/InputRC.java
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jar/org/jline/console/impl/DefaultPrinter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/SystemRegistryImpl.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Less.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Commands.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/builtins/SyntaxHighlighter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/console/Printer.java
*
/opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/reader/impl/LineReaderImpl.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/SystemHighlighter.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-
jar/org/jline/console/impl/Builtins.java
* /opt/cola/permits/1541830178_1674497612.0662973/0/jline-3-22-0-sources-jar/org/jline/builtins/Source.java
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- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-remote-ssh/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-builtins/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-style/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-reader/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-terminal-jansi/pom.xml
- \*
- /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-remote-telnet/pom.xml
- \* /opt/cola/permits/1541830178\_1674497612.0662973/0/jline-3-22-0-sources-jar/META-INF/maven/org.jline/jline-terminal-jna/pom.xml

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# 1.345 go-openapi-jsonreference 0.20.2

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## 1.349 zookeeper-jute 3.8.1

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Found in path(s):

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/CreateRequest.java

\*

/opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/GetACLRequest.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/SetWatches.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/server/quorum/LearnerInfo.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/data/StatPersisted.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/GetEphemeralsRequest.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/Create2Response.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/GetChildren2Response.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/WatcherEvent.java

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\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/txn/CheckVersionTxn.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/MultiHeader.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/WhoAmIResponse.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/txn/DeleteTxn.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/txn/CreateTxnV0.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/ConnectRequest.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/txn/SetMaxChildrenTxn.java

\*

/opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/ExistsResponse.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-

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jar/org/apache/zookeeper/txn/CreateSessionTxn.java
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jar/org/apache/zookeeper/proto/CheckVersionRequest.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/SetDataResponse.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/SetWatches2.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/GetChildrenRequest.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/data/Id.java
*
/opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/GetSASLRequest.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/txn/ErrorTxn.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/txn/Txn.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/txn/CreateTxn.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/DeleteRequest.java
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jar/org/apache/zookeeper/data/ACL.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/GetAllChildrenNumberRequest.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/GetDataResponse.java
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* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/CheckWatchesRequest.java
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* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/SetACLResponse.java
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jar/org/apache/zookeeper/txn/CloseSessionTxn.java

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\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/ReplyHeader.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/SyncRequest.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/server/quorum/QuorumAuthPacket.java

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\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/GetACLResponse.java

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\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/ErrorResponse.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/SetMaxChildrenRequest.java

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\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/ExistsRequest.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/txn/SetACLTxn.java

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\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/txn/SetDataTxn.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/GetEphemeralsResponse.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/AuthPacket.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/SyncResponse.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/data/Stat.java

\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/zookeeper/proto/RemoveWatchesRequest.java

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* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/RequestHeader.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/txn/MultiTxn.java
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jar/org/apache/zookeeper/proto/AddWatchRequest.java
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jar/org/apache/zookeeper/proto/ConnectResponse.java
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jar/org/apache/zookeeper/proto/CreateTTLRequest.java
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jar/org/apache/zookeeper/txn/TxnHeader.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/zookeeper/proto/GetAllChildrenNumberResponse.java
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INF/maven/org.apache.zookeeper/zookeeper-jute/pom.xml
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/opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/compiler/generated/rcc.jj  
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\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/compiler/generated/RccTokenManager.java  
\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/compiler/generated/TokenMgrError.java  
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\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/Record.java  
\*  
/opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/BinaryInputArchive.java  
\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/Index.java  
\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/compiler/JField.java  
\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/InputArchive.java  
\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/compiler/JRecord.java  
\* /opt/cola/permits/1550473105\_1675272073.216165/0/zookeeper-jute-3-8-1-sources-

```

jar/org/apache/jute/OutputArchive.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/BinaryOutputArchive.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-jar/org/apache/jute/Utils.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JBuffer.java
*
/opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JBoolean.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JByte.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/RecordReader.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JFloat.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JLong.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/ToStringOutputArchive.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/CppGenerator.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/RecordWriter.java
*
/opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JType.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JFile.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JString.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JMap.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JInt.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JDouble.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JVector.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JavaGenerator.java
*
/opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/JCompType.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/CGenerator.java
* /opt/cola/permits/1550473105_1675272073.216165/0/zookeeper-jute-3-8-1-sources-
jar/org/apache/jute/compiler/CSharpGenerator.java

```

# 1.350 zookeeper 3.8.1

## 1.350.1 Available under license :

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Define some default values that can be overridden by system properties

-->

Found in path(s):

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Found in path(s):

- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/AndOp.java
- \*
- /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/servlets/StaticContent.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/FilterException.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/servlets/JsonServlet.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/LogEntry.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/loggraph.js
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/loggraph.log.js
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/OrOp.java
- \*
- /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/servlets/Throughput.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/MeasureThroughput.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/servlets/GraphData.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/GreaterThanOp.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/loggraph.stats.js
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/loggraph.session.js
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/LogSource.java
- \*
- /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/LogSkipList.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/loggraph.ui.js
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/EqualsOp.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/Arg.java
- \* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/TransactionEntry.java

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/NotOp.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/LessThanOp.java  
\*  
/opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/FilterParser.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/LogServer.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/FilterOp.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/TxnLogSource.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/StringArg.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/Log4JEntry.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/NumberArg.java  
\*  
/opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/LogIterator.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/loggraph.server.js  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/RandomAccessFileReader.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/servlets/Fs.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/JsonGenerator.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/Log4JSource.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/servlets/FileLoader.java  
\*  
/opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/XorOp.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/MergedLogSource.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/servlets/NumEvents.java  
\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/filterops/SymbolArg.java  
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Found in path(s):

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/main.html

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/\*

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<http://developer.yahoo.com/yui/license.html>

version: 3.1.0

build: 2026

\*/

Found in path(s):

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/yui-min.js

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/\*

\* g.Raphael 0.4 - Charting library, based on Raphaël

\*

\* Copyright (c) 2009 Dmitry Baranovskiy (<http://g Raphaeljs.com>)

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Found in path(s):

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/g.pie.js

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/g Raphael.js

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/g.dot.js

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/g.bar.js

```
* /opt/cola/permits/1550473068_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/g.line.js
```

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```
/*
```

```
* Date Format 1.2.3
```

```
* (c) 2007-2009 Steven Levithan <stevenlevithan.com>
```

```
* MIT license
```

```
*
```

```
* Includes enhancements by Scott Trena <scott.trena.net>
```

```
* and Kris Kowal <cixar.com/~kris.kowal/>
```

```
*
```

```
* Accepts a date, a mask, or a date and a mask.
```

```
* Returns a formatted version of the given date.
```

```
* The date defaults to the current date/time.
```

```
* The mask defaults to dateFormat.masks.default.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1550473068_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/date.format.js
```

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```
<!--
```

```
/**
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```

```
*/
```

```
-->
```

Found in path(s):

```
* /opt/cola/permits/1550473068_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/META-INF/maven/org.apache.zookeeper/zookeeper-contrib-loggraph/pom.xml
```

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Found in path(s):

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/loggraph.css

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

/\*!

\* Raphael 1.3.2 - JavaScript Vector Library

\*

\* Copyright (c) 2009 Dmitry Baranovskiy (<http://raphaeljs.com>)

\* Licensed under the MIT (<http://www.opensource.org/licenses/mit-license.php>) license.

\*/

Found in path(s):

\* /opt/cola/permits/1550473068\_1675272129.50752/0/zookeeper-contrib-loggraph-3-8-1-sources-jar/org/apache/zookeeper/graph/resources/raphael.js

# 1.351 oras.land-oras-go 1.2.2

## 1.351.1 Available under license :

Apache License

Version 2.0, January 2004

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## 1.356 kubernetes-apimachinery 0.24.0

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# 1.358 kubernetes-client 0.24.0

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## 1.359 aspect-j 1.9.19

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```
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/ResolvedMemberImpl.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/bcel/BcelWeaver.java
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\* PARC       initial implementation  
\* Andy Clement   pushed down into bcel module  
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\* Contributors:  
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\* Adrian Colyer         refactoring for traversal and grouping by kind  
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jar/aj/org/objectweb/asm/Frame.java  
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\*  
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jar/aj/org/objectweb/asm/Symbol.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-

jar/aj/org/objectweb/asm/ByteVector.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/aj/org/objectweb/asm/RecordComponentWriter.java  
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jar/aj/org/objectweb/asm/AnnotationWriter.java  
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jar/aj/org/objectweb/asm/ClassWriter.java  
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jar/aj/org/objectweb/asm/ModuleVisitor.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/aj/org/objectweb/asm/MethodWriter.java  
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jar/aj/org/objectweb/asm/Label.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/aj/org/objectweb/asm/FieldWriter.java  
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jar/aj/org/objectweb/asm/TypeReference.java  
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jar/aj/org/objectweb/asm/signature/SignatureReader.java  
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jar/aj/org/objectweb/asm/ClassTooLargeException.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
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jar/aj/org/objectweb/asm/Attribute.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-



jar/aj/org/objectweb/asm/FieldVisitor.java  
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/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/aj/org/objectweb/asm/SymbolTable.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/aj/org/objectweb/asm/CurrentFrame.java  
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jar/aj/org/objectweb/asm/ModuleWriter.java  
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jar/aj/org/objectweb/asm/ConstantDynamic.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/aj/org/objectweb/asm/signature/SignatureWriter.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
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jar/org/aspectj/weaver/ConcreteTypeMunger.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/ExactTypePattern.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/bcel/Utility.java
*
/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/MemberImpl.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/NotTypePattern.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/BCException.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/MemberKind.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/IClassWeaver.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/ExposedState.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/CrosscuttingMembers.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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*
/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/ModifiersPattern.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/DeclareSoft.java
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/AndPointcut.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
```

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jar/org/aspectj/weaver/patterns/TypePatternQuestions.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/bcel/BcelCflowStackFieldAdder.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/OrTypePattern.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/TypePatternList.java
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/PrivilegedAccessMunger.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/ThrowsPattern.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/ast/Not.java

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 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
 jar/org/aspectj/weaver/ISourceContext.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
 jar/org/aspectj/weaver/bcel/BcelMethod.java  
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 /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
 jar/org/aspectj/weaver/patterns/OrPointcut.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
 jar/org/aspectj/weaver/ast/Var.java  
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jar/org/aspectj/weaver/StaticJoinPointFactory.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/patterns/IToken.java  
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jar/org/aspectj/weaver/patterns/PerSingleton.java  
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jar/org/aspectj/weaver/patterns/ArgsPointcut.java  
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jar/org/aspectj/weaver/ast/ASTNode.java  
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/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/NewConstructorTypeMunger.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/patterns/KindedPointcut.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/AjcMemberMaker.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/ast/IExprVisitor.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/bcel/Range.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/SourceContextImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/Advice.java  
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jar/org/aspectj/weaver/Lint.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/bcel/ShadowRange.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/ast/CallExpr.java  
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jar/org/aspectj/weaver/AjAttribute.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/patterns/Declare.java  
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jar/org/aspectj/weaver/NameMangler.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/bcel/BcelClassWeaver.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/patterns/ParserException.java  
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jar/org/aspectj/weaver/patterns/BasicToken.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/Position.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/AdviceKind.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/model/AsmRelationshipProvider.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/SignaturePattern.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/NameBindingPointcut.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/ast/Test.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/ShadowMunger.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/NotPointcut.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/bcel/UnwovenClassFile.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/NewMethodTypeMunger.java  
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/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/bcel/LazyMethodGen.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/DeclareErrorOrWarning.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/AndTypePattern.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/PerClause.java

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 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/bridge/SourceLocation.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/bridge/CountingMessageHandler.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/reflect/MethodSignature.java  
 \*  
 /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/runtime/internal/PerObjectMap.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/runtime/reflect/StringMaker.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/util/FileUtil.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/reflect/MemberSignature.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/runtime/reflect/InitializerSignatureImpl.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/runtime/reflect/SourceLocationImpl.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/bridge/IMessageHandler.java  
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 /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/runtime/reflect/CatchClauseSignatureImpl.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/runtime/reflect/CodeSignatureImpl.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-

jar/org/aspectj/runtime/internal/CFlowStack.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/runtime/internal/Conversions.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/bridge/IMessageHolder.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/runtime/reflect/MemberSignatureImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/lang/reflect/AdviceSignature.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/bridge/ISourceLocation.java  
\*  
/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/util/PartialOrder.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/runtime/reflect/ConstructorSignatureImpl.java  
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* Alexandre Vasseur perClause support for @AJ aspects
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/bcel/BcelWorld.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/util/Reflection.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/util/TypeSafeEnum.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/asm/IProgramElement.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/asm/IHierarchyListener.java



\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/asm/IRelationship.java

\*

/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/asm/IRelationshipMap.java

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\* Andy Clement  
\* Roy Varghese - Bug 473555

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/bcel/ExtensibleURLClassLoader.java

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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/HasThisTypePatternTriedToSneakInSomeGenericOrParameterizedTypePatternMatchingStuffAnywhereVisitor.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/reflect/StandardShadowMatchImpl.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/bridge/context/ContextToken.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/MatchingContext.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/PointcutDesignatorHandler.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/HasMemberTypePatternFinder.java  
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 /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/internal/lang/annotation/ajcDeclarePrecedence.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/TypeVariableReference.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/annotation/DeclareWarning.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/reflect/DeclarePrecedence.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/internal/lang/reflect/TypePatternBasedPerClauseImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/ScopeWithTypeVariables.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/reflect/PointcutExpression.java  
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/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/MissingResolvedTypeWithKnownSignature.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/reflect/Advice.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/UnsupportedPointcutPrimitiveException.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/JoinPointSignature.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/reflect/DeclareErrorOrWarning.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/reflect/ReflectionBasedReferenceTypeDelegateFactory.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/internal/lang/reflect/TypePatternImpl.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/ContextBasedMatcher.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/internal/lang/reflect/InterTypeConstructorDeclarationImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/reflect/InterTypeMethodDeclaration.java  
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\*  
/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/PointcutParameter.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/reflect/SignaturePattern.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/internal/tools/PointcutDesignatorHandlerBasedPointcut.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/internal/lang/annotation/ajcITD.java  
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jar/org/aspectj/internal/lang/reflect/DeclareSoftImpl.java  
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jar/org/aspectj/internal/lang/reflect/DeclareParentsImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/internal/lang/reflect/PerClauseImpl.java  
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jar/org/aspectj/internal/lang/reflect/StringToType.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/lang/reflect/AjTypeSystem.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/internal/lang/reflect/DeclarePrecedenceImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/lang/reflect/NoSuchAdviceException.java  
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/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/patterns/AbstractPatternNodeVisitor.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/reflect/Java14GenericSignatureInformationProvider.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/internal/lang/reflect/DeclareAnnotationImpl.java  
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jar/org/aspectj/internal/lang/annotation/ajcDeclareSoft.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/internal/lang/reflect/AjTypeImpl.java  
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jar/org/aspectj/lang/reflect/NoSuchPointcutException.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/lang/reflect/InterTypeFieldDeclaration.java  
\*  
/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/bcel/BcelGenericSignatureToTypeXConverter.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/internal/lang/reflect/SignaturePatternImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/reflect/ReflectionBasedReferenceTypeDelegate.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/internal/lang/reflect/InterTypeFieldDeclarationImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/weaver/reflect/PointcutParameterImpl.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/reflect/Java15GenericSignatureInformationProvider.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/loadtime/IWeavingContext.java

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\* Alexandre Vasseur if() implementation for @AJ style

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/OrSignaturePattern.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/AbstractSignaturePattern.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/PerThisOrTargetPointcutVisitor.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/loadtime/definition/Definition.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/loadtime/Aj.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/loadtime/DefaultMessageHandler.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/loadtime/Options.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/loadtime/ConcreteAspectCodeGen.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/TemporaryTypeMunger.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/AbstractAnnotationAJ.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-jar/org/aspectj/asm/internal/NameConvertor.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-jar/org/aspectj/asm/internal/JDTLikeHandleProvider.java

\*  
/opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-jar/org/aspectj/asm/internal/CharOperation.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/model/AsmRelationshipUtils.java

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  - \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/AnnotationValue.java
  - \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/EnumAnnotationValue.java
  - \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/asm/IModelFilter.java
  - \*
  - /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/AnnotationNameValuePair.java
  - \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/ClassAnnotationValue.java
  - \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/patterns/IVerificationRequired.java
  - \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/SimpleAnnotationValue.java
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*
/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/PointcutRewriter.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/PointcutEvaluationExpenseComparator.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/WithinCodeAnnotationPointcut.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/internal/tools/StandardPointcutExpressionImpl.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/tools/PointcutPrimitive.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/NotAnnotationTypePattern.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/AnnotationPointcut.java
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jar/org/aspectj/weaver/patterns/WithinAnnotationPointcut.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/AnnotatedElement.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/internal/tools/TypePatternMatcherImpl.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/tools/StandardPointcutExpression.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/BindingAnnotationTypePattern.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/tools/TypePatternMatcher.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/ExactAnnotationTypePattern.java
*
/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/WildAnnotationTypePattern.java
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jar/org/aspectj/weaver/patterns/BindingPattern.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/internal/tools/PointcutExpressionImpl.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/ThisOrTargetAnnotationPointcut.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/ArgsAnnotationPointcut.java
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-

jar/org/aspectj/weaver/tools/cache/AsynchronousFileCacheBacking.java

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\* Alex Vasseur new factory methods for variants of JP

\* Abraham Nevado new factory methods for collapsed SJPs

\* Andy Clement new factory methods that rely on LDC <class>

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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/annotation/ElementValue.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/annotation/RuntimeAnnos.java
*
/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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Found in path(s):

- \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/InstructionByte.java
- \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/ConstantsInitializer.java
- \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/NestMembers.java
- \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/FieldGen.java
- \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/StackMapType.java
- \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/Unknown.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/FieldOrMethod.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/ArrayType.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/ConstantMethodType.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/LineNumberGen.java

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/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/BasicType.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/ConstantDynamic.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/NestHost.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/LocalVariableTable.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/StackMap.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/FieldGenOrMethodGen.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/util/ThreadLocalAwareRepository.java

\*

/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/ExceptionTable.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/BranchHandle.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/RET.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/InstructionTargeter.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/IINC.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/InstructionShort.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/ConstantMethodHandle.java

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/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/ConstantClass.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/InstructionCP.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/InstructionConstants.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/MULTIANEWARRAY.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-



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jar/org/aspectj/apache/bcel/Repository.java
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jar/org/aspectj/apache/bcel/classfile/LineNumberTable.java
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jar/org/aspectj/apache/bcel/classfile/ConstantNameAndType.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantLong.java
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/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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jar/org/aspectj/apache/bcel/util/ClassLoaderReference.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/BootstrapMethods.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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jar/org/aspectj/apache/bcel/classfile/JavaClass.java
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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jar/org/aspectj/apache/bcel/generic/TABLESWITCH.java
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*
/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/Utility.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantFieldref.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/generic/InstVisitor.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/ConstantObject.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/Modifiers.java  
 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/INVOKEINTERFACE.java  
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 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/ClassGenException.java  
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 \* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/classfile/StackMapEntry.java  
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jar/org/aspectj/apache/bcel/generic/InstructionSelect.java  
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jar/org/aspectj/apache/bcel/generic/Type.java  
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jar/org/aspectj/apache/bcel/classfile/ConstantString.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
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jar/org/aspectj/apache/bcel/classfile/ConstantDouble.java  
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jar/org/aspectj/apache/bcel/classfile/ClassParser.java

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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
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/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/CodeException.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/util/Repository.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/ClassFormatException.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/ClassVisitor.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/generic/InstructionFactory.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/generic/LocalVariableGen.java
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*
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Found in path(s):
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/ExposeTypeMunger.java
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*
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* Helen Hawkins - initial version
* *****/
```

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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/IEclipseSourceContext.java
```

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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/DeclareTypeErrorOrWarning.java
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* *****
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* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/AnnotationOnTypeMunger.java
* /opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-
jar/org/aspectj/weaver/patterns/PerTypeWithin.java
```

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\* Contributors:  
\* Andy Clement initial implementation

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\* Alexandre Vasseur support for @AJ aspects

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Found in path(s):

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/bcel/BcelAdvice.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/bcel/BcelShadow.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/BindingScope.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/Tag.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/apache/bcel/generic/LocalVariableTag.java

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\* generic signature update Adrian Colyer

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\* variant of Aspects in the aspectj5rt project - this one isn't Java5 - Andy Clement

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* /opt/cola/permits/1561982571_1689056762.7427888/aspectjweaver-1-9-19-sources-
jar/org/aspectj/apache/bcel/classfile/annotation/TypeAnnotationGen.java
* /opt/cola/permits/1561982571_1689056762.7427888/aspectjweaver-1-9-19-sources-
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jar/org/aspectj/weaver/TypeVariableReferenceType.java

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\* Alex Vasseur wired up for @AJ proceeding  
\* Andy Clement 23-06-06 added extras for @AJ  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/AbstractReferenceTypeDelegate.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/ReferenceType.java

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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactoryImpl11.java  
\*  
/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/runtime/internal/CFlowCounter.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/apache/bcel/classfile/AnnotationDefault.java  
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jar/org/aspectj/apache/bcel/classfile/EnclosingMethod.java  
\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-  
jar/org/aspectj/runtime/internal/cflowstack/ThreadStackFactory.java  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/Jdk14Trace.java

\*

/opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/Traceable.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/DefaultTrace.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/CommonsTraceFactory.java

\* /opt/cola/permits/1561982571\_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/tools/Trace.java  
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* /opt/cola/permits/1561982571_1689056762.7427888/aspectjweaver-1-9-19-sources-
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<p>AspectJ includes a binary version of ASM v2.2.1 (<a  
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\* /opt/cola/permits/1561982571\_1689056762.7427888/aspectjweaver-1-9-19-sources-  
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`/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/lang/annotation/DeclarePrecedence.java`  
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`/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/bcel/AtAjAttributes.java`  
`/opt/cola/permits/1561982571_1689056762.7427888/0/aspectjweaver-1-9-19-sources-jar/org/aspectj/weaver/bcel/BcelPerClauseAspectAdder.java`  
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jar/org/aspectj/weaver/tools/cache/DefaultCacheFactory.java
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Found in path(s):

```
* /opt/cola/permits/1572890195_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-
jar/google/api/launch_stage.proto
```

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```
* /opt/cola/permits/1572890195_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-
jar/google/api/usage.proto
```

```
* /opt/cola/permits/1572890195_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-
jar/google/api/endpoint.proto
```

```
* /opt/cola/permits/1572890195_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-
```

jar/google/api/service.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/consumer.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/distribution.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/error\_reason.proto  
\*  
/opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/context.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/type/date.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/quota.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/field\_behavior.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/httpbody.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/routing.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/system\_parameter.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/type/datetime.proto  
\*  
/opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/type/color.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/billing.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/logging/type/log\_severity.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/type/decimal.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/config\_change.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/type/latlng.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
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\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/control.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/type/money.proto  
\*  
/opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/type/month.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-  
jar/google/api/logging.proto

\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/client.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/log.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/timeofday.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/geo/type/viewport.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/rpc/status.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/fraction.proto  
\*  
/opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/documentation.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/interval.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/postal\_address.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/logging/type/http\_request.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/dayofweek.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/source\_info.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/label.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/quaternion.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/rpc/error\_details.proto  
\*  
/opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/backend.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/expr.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/annotations.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/longrunning/operations.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/rpc/code.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/calendar\_period.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/phone\_number.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/resource.proto

\*  
/opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/http.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/cloud/extended\_operations.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/rpc/context/attribute\_context.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/monitored\_resource.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/auth.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/visibility.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/api/monitoring.proto  
\* /opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/type/localized\_text.proto  
\*  
/opt/cola/permits/1572890195\_1677106955.5681205/0/proto-google-common-protos-2-9-0-1-jar/google/cloud/audit/audit\_log.proto

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Protocol Buffers for Go with Gadgets

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Aplitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogeralsing@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

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# 1.377 snake-yaml 2.0

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```
/**
```

```
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```

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```
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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
```

```
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/parser/Parser.java
```

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* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
```

```
*
```

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/opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/nodes/ScalarNode.java
```

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* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/tokens/ValueToken.java
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* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/events/StreamEndEvent.java
```

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* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
```

```
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
```

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* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java
```

```
* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/events/AliasEvent.java
```

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* /opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
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jar/org/yaml/snakeyaml/events/ScalarEvent.java  
\*  
/opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/emitter/EmitterState.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/tokens/DirectiveToken.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/events/StreamStartEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/events/CommentEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/tokens/AliasToken.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/constructor/Construct.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/events/ImplicitTuple.java  
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jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java  
\*  
/opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/introspector/Property.java  
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jar/org/yaml/snakeyaml/parser/Production.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/resolver/ResolverTuple.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
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\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/composer/ComposerException.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/nodes/MappingNode.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/emitter/Emitable.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java  
\*  
/opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/DumperOptions.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/nodes/AnchorNode.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/representer/Represent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/nodes/Node.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java



\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/ReaderException.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java  
\*  
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\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java  
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\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java  
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\*  
/opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java  
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\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/ConstructorException.java  
\*  
/opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java  
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\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/composer/Composer.java

\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/Tag.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/NodeEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/StreamReader.java  
\*

/opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/internal/Logger.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/TagTuple.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/MissingProperty.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/Event.java  
\*

/opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentType.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/GenericProperty.java

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jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java  
\* /opt/cola/permits/1584157893\_1677999786.1262538/0/snakeyaml-2-0-sources-  
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java  
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INF/maven/org.yaml/snakeyaml/pom.xml

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```

```
/**
 * 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: www.
 * source-code.biz/base64coder/java

 * Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland

 * Multi-licensed: EPL / LGPL / GPL / AL / BSD.
 */
```

Found in path(s):

```
*/opt/cola/permits/1584157893_1677999786.1262538/0/snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java
```

# 1.378 x-crypto 0.7.0

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# 1.379 jose4j 0.9.3

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Found in path(s):

```
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/StringUtil.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
jar/org/jose4j/jwa/AlgorithmAvailability.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
jar/org/jose4j/jwe/AesGcmContentEncryptionAlgorithm.java
*
 /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
jar/org/jose4j/keys/resolvers/DecryptionKeyResolver.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
jar/org/jose4j/jwt/consumer/JwtConsumer.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
jar/org/jose4j/jwe/ContentEncryptionParts.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/http/SimpleGet.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/json/JsonUtil.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
jar/org/jose4j/jwe/Pbes2HmacShaWithAesKeyWrapAlgorithm.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
jar/org/jose4j/lang/UnresolvableKeyException.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
jar/org/jose4j/keys/resolvers/X509VerificationKeyResolver.java
*
 /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/CipherUtil.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
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jar/org/jose4j/jwt/consumer/AudValidator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/KeyPairUtil.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/InvalidAlgorithmException.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/AesCbcHmacSha2ContentEncryptionAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/http/Get.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/DefaultByteGenerator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/JsonWebSignatureAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/RsaUsingShaAlgorithm.java  
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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/JwtContext.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/resolvers/VerificationKeyResolver.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/EllipticCurveJsonWebKey.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwx/CompactSerialization.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/JwtClaims.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jca/ProviderContext.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/JoseException.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwa/AlgorithmFactoryFactory.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/AesKeyWrapManagementAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/UnsecuredNoneAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/ContentEncryptionHelp.java  
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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/ErrorCodeValidator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/AlgorithmIdentifiers.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/KeyManagementAlgorithmIdentifiers.java  
\*

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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/InvalidJwtException.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/PbkdfKey.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/OctJwkGenerator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/ContentEncryptionKeys.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/base64url/Base64Url.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/UncheckedJoseException.java  
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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/RsaJsonWebKey.java  
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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/DirectKeyManagementAlgorithm.java  
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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/KeyOperations.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/EcdsaUsingShaAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/Validator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/EcdhKeyAgreementAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwx/KeyValidationSupport.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/JsonWebKeySet.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/RsaKeyManagementAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/IntegrityException.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/JsonWebKey.java

\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/ByteGenerator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/JweCustomizer.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/mac/MacUtil.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/GeneralJwtException.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwa/AlgorithmFactory.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/NumericDate.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/KeyManagementAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/IssValidator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/BigEndianBigInteger.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/EcdhKeyAgreementWithAesKeyWrapAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/CipherStrengthSupport.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/SimpleAeadCipher.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/json/JsonHeaderUtil.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/zip/CompressionAlgorithmIdentifiers.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/resolvers/HttpsJwksVerificationKeyResolver.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/RsaKeyUtil.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwx/HeaderParameterNames.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/X509Util.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/Use.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/JsonWebEncryption.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwx/JsonWebStructure.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/base64url/SimplePEMEncoder.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/EcKeyUtil.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/ByteUtil.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/BouncyCastleProviderHelp.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/JsonWebSignature.java  
\*

/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/MalformedClaimException.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/EllipticCurves.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/EcJwkGenerator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/OctetSequenceJsonWebKey.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/ReservedClaimNames.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/HashUtil.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/ContentEncryptionAlgorithmIdentifiers.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwa/Algorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/ErrorCodes.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/JwtConsumerBuilder.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/zip/CompressionAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/JtiValidator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/HmacKey.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/ErrorCodeValidatorAdapter.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwx/CompactSerializer.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/SimpleKeyResolver.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/ExceptionHelp.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/KeyPersuasion.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/lang/JsonHelp.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/ContentEncryptionKeyDescriptor.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/kdf/PasswordBasedKeyDerivationFunction2.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/consumer/NumericDateValidator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/VerificationJwkSelector.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/resolvers/JwksVerificationKeyResolver.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/BaseSignatureAlgorithm.java

\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/RsaJwkGenerator.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/AesGcmKeyEncryptionAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/ContentEncryptionAlgorithm.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/resolvers/JwksDecryptionKeyResolver.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/HmacUsingShaAlgorithm.java

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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/kdf/ConcatenationKeyDerivationFunctionWithSha256.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/kdf/ConcatKeyDerivationFunction.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/kdf/ConcatKeyDerivationFunctionFactory.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/kdf/KdfUtil.java

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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-  
jar/org/jose4j/base64url/internal/apache/commons/codec/binary/Base64.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-  
jar/org/jose4j/base64url/internal/apache/commons/codec/binary/BaseNCodec.java  
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\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-  
jar/org/jose4j/lang/InvalidKeyException.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-  
jar/org/jose4j/jwk/SelectorSupport.java  
\* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-  
jar/org/jose4j/jwk/DecryptionJwkSelector.java  
\*  
/opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-  
jar/org/jose4j/jwk/SimpleJwkFilter.java  
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Found in path(s):

- \* /opt/cola/permits/1587692654\_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/HttpsJwks.java

# 1.380 aws-aws-sdk-go-v2 1.18.6

## 1.380.1 Available under license :

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package grafana
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana

// Enterprise incurs additional fees. For more information, see Upgrade a

// workspace to Grafana Enterprise (<https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html>)

// .

```
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
 params = &AssociateLicenseInput{}
 }
}
```

```
result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
```

```
c.addOperationAssociateLicenseMiddlewares)
```

```
if err != nil {
```

```
 return nil, err
```

```

}

out
:= result.(*AssociateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type AssociateLicenseInput struct {

// The type of license to associate with the workspace.
//
// This member is required.
LicenseType types.LicenseType

// The ID of the workspace to associate the license with.
//
// This member is required.
WorkspaceId *string

noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

// A structure containing data about the workspace.
//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{ }, middleware.After)
if
err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
}

```

```

}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
}

```

```

if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "AssociateLicense",
}
}
AWS SDK for Go
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// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata

```

```

return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
}

```

```

if err = addRetryMiddlewares(stack,
options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil
{
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{

```

```

Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckInLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
 params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of

```



```

// the request.
//
// This member is required.
ClientToken *string

// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name
(ARN) of the checkout license.
LicenseArn *string

// License consumption token.

```

```

LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
 }
 err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
}

```

```

if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
 params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 // This
 member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.

```

Workspace \*types.WorkspaceDescription

// Metadata pertaining to the operation's result.

ResultMetadata middleware.Metadata

noSmithyDocumentSerde

}

```
func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
```

```
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{ }, middleware.After)
```

```
 if err != nil {
```

```
 return err
```

```
 }
```

```
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
```

```
 if err != nil {
```

```
 return err
```

```
 }
```

```
 if err = addSetLoggerMiddleware(stack, options); err != nil {
```

```
 return err
```

```
 }
```

```
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
```

```
 err != nil {
```

```
 return err
```

```
 }
```

```
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
```

```
 return err
```

```
 }
```

```
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
```

```
 return err
```

```
 }
```

```
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
```

```
 return err
```

```
 }
```

```
 if err = addRetryMiddlewares(stack, options); err != nil {
```

```
 return err
```

```
 }
```

```
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
```

```
 return err
```

```
 }
```

```
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
```

```
 return err
```

```
 }
```

```
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
```

```
 return err
```

```
 }
```

```
 if err = addClientUserAgent(stack); err != nil {
```

```
 return err
```

```

}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDisassociateLicense(region string)

```

```

*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "DisassociateLicense",
}
}

```

```

// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package licensemanager

```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"

```

```

smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
 params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)

```

```

if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
if err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if
err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);

```



```

err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack);
err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
 params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,

```

```

c.addOperationListLicensesMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*ListLicensesOutput)
out.ResultMetadata = metadata
return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 // - Beneficiary
 // - ProductSKU
 // - Fingerprint
 //
 // - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)

```

```

if err != nil {
 return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
if err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
 return err
}
}

```

```

if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
 return nil, err
 }
}

```

```

out := result.(*DeleteLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version of the
 license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
}

```

```

if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack,
options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
}

```

```
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}
```

```
func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "DeleteLicense",
}
}
```

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// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
```

```
 "context"
```

```
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
```

```
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
```

```
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
```

```
 "github.com/aws/smithy-go/middleware"
```

```
 smithyhttp "github.com/aws/smithy-go/transport/http"
```

```
)
```

```
// Checks out the specified license for offline use.
```

```
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
```

```
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
```

```
 if params == nil {
```

```
 params = &CheckoutBorrowLicenseInput{}
```

```
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
```

```
c.addOperationCheckoutBorrowLicenseMiddlewares)
```

```
 if err != nil {
```

```
 return nil, err
```

```
 }
```

```
 out := result.(*CheckoutBorrowLicenseOutput)
```

```
 out.ResultMetadata = metadata
```

```
 return out, nil
```

```
}
```

```
type CheckoutBorrowLicenseInput struct {
```

```

// Unique, case-sensitive identifier that you
// provide to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// Digital signature method. The possible value is JSON Web Signature (JWS)
// algorithm PS384. For more information, see RFC 7518 Digital Signature with
// RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
//
// This member is required.
DigitalSignatureMethod types.DigitalSignatureMethod

// License entitlements. Partial checkouts are not supported.
//
// This member is required.
Entitlements []types.EntitlementData

// Amazon Resource Name (ARN) of the license. The license must use the borrow
// consumption configuration.
//
// This member is required.
LicenseArn *string

// Information about constraints.
CheckoutMetadata []types.Metadata

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

```

```

type CheckoutBorrowLicenseOutput struct {

```

```

// Information about constraints.
CheckoutMetadata []types.Metadata

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

```

```

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
}

```

```

if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutBorrowLicense",
}
}

```

```

}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
 params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide to ensure
 the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional

```



```

// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
}

```

```

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
 err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
}

```

```

if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return
err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
 params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
 // - ProductSKU
 // - Status
 // - Fingerprint
 // - IssuerName
 // - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

```

```

noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

// Received license details.
Licenses []types.GrantedLicense

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
if
err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {

```

```

return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "ListReceivedLicenses",
}
}

```

# 1.381 sql-migrate 1.3.1

## 1.381.1 Available under license :

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# 1.382 prometheus-common 0.42.0

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 */
```

-----  
For lib/py/compat/win32/stdint.h

```
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// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
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*/
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliant stdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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For t\_cl\_generator.cc

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-----  
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```
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```

-----  
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```
/*
 json_parse.js
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```

```
*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
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-----

For lib/py/compat/win32/stdint.h

```
// ISO C9x compliant stdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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//
```

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in t\_html\_generator.h

\* Bootstrap v2.0.3



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```

-----  
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```
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lib/erl/src/Makefile.am

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-----  
For the aclocal/ax\_boost\_base.m4 and contrib/fb303/aclocal/ax\_boost\_base.m4 components:

```
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```

-----  
For the lib/nodejs/lib/thrift/json\_parse.js:

```
/*
 json_parse.js
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
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 */
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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////////////////////////////////////
```

-----  
Codegen template

in t\_html\_generator.h

\* Bootstrap v2.0.3

\*

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\*

\* Designed and built with all the love in the world @twitter by @mdo and @fat.

-----  
For t\_cl\_generator.cc

\* Copyright (c) 2008- Patrick Collison <patrick@collison.ie>

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# 1.392 open-telemetry-opentelemetry- collector-contrib 1.14.0

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-----  
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components:

```
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#
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```

-----  
For the lib/nodejs/lib/thrift/json\_parse.js:

```
/*
 json_parse.js
 2015-05-02
 Public Domain.
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
 * Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.
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 * modified form, subject only to the restrictions that (1) the author is
 * relieved from all responsibilities for any use for any purpose, and (2)
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 be retained, unchanged, in its entirety. If
 * for any reason the author might be held responsible for any consequences
 * of copying or use, license is withheld.
*/
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
// Copyright (c) 2006-2008 Alexander Chemeris
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//
////////////////////////////////////
```

```

Codegen template
in t_html_generator.h
```

```
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*
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*
* Designed and built with all the love in the world @twitter by @mdo and @fat.
```

```

For t_cl_generator.cc

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* Copyright (c) 2006- Facebook
```

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```
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*/
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```

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```
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```

\*/

-----  
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```
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//
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```

-----  
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```
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```

\*

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# 1.396 cel-go 0.12.6

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# 1.404 swagger-annotations 1.6.9

## 1.404.1 Available under license :

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

Manifest-Version: 1.0

Bnd-LastModified: 1668500773188

Build-Jdk: 1.8.0\_151

Built-By: frantuma

Bundle-Description: Sonatype helps open source projects to set up Maven  
repositories on <https://oss.sonatype.org/>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: swagger-annotations

Bundle-SymbolicName: io.swagger.annotations

Bundle-Version: 1.6.9

Created-By: Apache Maven Bundle Plugin

Export-Package: io.swagger.annotations;version="1.6.9"

implementation-version: 1.6.9

mode: development

package: io.swagger

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"

Tool: Bnd-3.3.0.201609221906

url: <https://github.com/swagger-api/swagger-core/modules/swagger-annotations>

Found in path(s):

\* /opt/cola/permits/1609771975\_1681853256.3914962/0/swagger-annotations-1-6-9-1-jar/META-INF/MANIFEST.MF



# 1.405 aws-aws-sdk-go 1.17.6

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## 1.406 aws-aws-sdk-go-v2-internal-endpoints

### 2.4.24

#### 1.406.1 Available under license :

```
// Code generated by smithy-go-codegen DO NOT EDIT.
```

```
package grafana
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

```
// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
```

```
// Enterprise incurs additional fees. For more information, see Upgrade a
```

```
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
```

```
// .
```

```
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
```

```

(*AssociateLicenseOutput, error) {
 if params == nil {
 params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out
 := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{ }, middleware.After)
 if err != nil {

```

```

return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{ }, middleware.After)
if
err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),

```

```

middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "AssociateLicense",
}
}

```

AWS SDK for Go

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name: License Scan

on: [pull\_request]

jobs:

licensescan:

name: License Scan

runs-on: ubuntu-latest

strategy:

matrix:

python-version: [3.9]

steps:

- name: Checkout target

uses: actions/checkout@v2

with:

path: sdkbase

ref: \${{ github.base\_ref }}



```

- name: Checkout this ref
 uses: actions/checkout@v2
 with:
 path: new-ref
 fetch-depth: 0
- name: Get Diff
 run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT ${{ github.event.pull_request.base.sha }}
${{ github.sha }} > refDiffFiles.txt
- name: Get Target Files
 run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
- name: Checkout scancode
 uses: actions/checkout@v2
 with:
 repository: nexB/scancode-toolkit
 path: scancode-toolkit
 fetch-depth: 1
- name: Set up Python ${{ matrix.python-version }}
 uses: actions/setup-python@v2
 with:
 python-version: ${{ matrix.python-version }}
ScanCode
- name: Self-configure scancode
 working-directory: ./scancode-toolkit
 run: ./scancode --help
- name: Run Scan code on target
 run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
- name: Run Scan code on pr ref
 run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
compare
- name: License test
 run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

```

package licensemanager

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

```

// Checks in the specified license. Check in a license when it is no longer in use.

```

func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))

```

```

(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
}

```

```

}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack,
options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
}

```

```

if err = addResponseErrorMiddleware(stack); err != nil
{
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckInLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
if params == nil {
params = &CheckoutLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
if err != nil {
return nil, err
}

out := result.(*CheckoutLicenseOutput)

```

```

out.ResultMetadata = metadata
return out, nil
}

type
CheckoutLicenseInput struct {

// Checkout type.
//
// This member is required.
CheckoutType types.CheckoutType

// Unique, case-sensitive identifier that you provide to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.

```

```

EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name
(ARN) of the checkout license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
 }
}

```

```

err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckoutLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```
package grafana
```

```

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/grafana/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
if params == nil {
params = &DisassociateLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
if err != nil {
return nil, err
}

out := result.(*DisassociateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type DisassociateLicenseInput struct {

// The type of license to remove from the workspace.
//
// This
member is required.
LicenseType types.LicenseType

```



```

// The ID of the workspace to remove the Grafana Enterprise license from.
//
// This member is required.
WorkspaceId *string

noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

// A structure containing information about the workspace.
//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
}

```

```

if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
}
}

```

```

 SigningName: "grafana",
 OperationName: "DisassociateLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
 params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

```

```

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if
 err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
}

```

```

}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack);
err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
 }
}

```

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"

```

```

"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
 params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 // - Beneficiary
 // - ProductSKU
 // - Fingerprint
 //
 // - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

```

```

// License details.
Licenses []types.License

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
}

```

```

}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
 }
}

```

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"

```



```

)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version of the
 license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

```

```

}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack,
options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
}

```

```

if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "DeleteLicense",
}
}

```

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```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

```
// Creates a license.
```

```
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
 params = &CreateLicenseInput{ }
 }
}
```



```

result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*CreateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide to ensure
 the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional
 // configuration for workloads running with continuous connectivity. Choose a
 // borrow configuration for workloads with offline usage.
 //
 // This member is required.
 ConsumptionConfiguration *types.ConsumptionConfiguration

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.Entitlement

 // Home Region for the license.
 //
 // This member is required.
 HomeRegion *string

 // License issuer.
 //
 // This member is required.
 Issuer *types.Issuer

```

```

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
// Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License status.
Status types.LicenseStatus

// License version.
Version *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
if err != nil {
return err
}
}

```

```

}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
if err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return

```

```

err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
 params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {

```

```

return nil, err
}

out := result.(*CheckoutBorrowLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type CheckoutBorrowLicenseInput struct {

// Unique, case-sensitive identifier that you
// provide to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// Digital signature method. The possible value is JSON Web Signature (JWS)
// algorithm PS384. For more information, see RFC 7518 Digital Signature with
// RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
//
// This member is required.
DigitalSignatureMethod types.DigitalSignatureMethod

// License entitlements. Partial checkouts are not supported.
//
// This member is required.
Entitlements []types.EntitlementData

// Amazon Resource Name (ARN) of the license. The license must use the borrow
// consumption configuration.
//
// This member is required.
LicenseArn *string

// Information about constraints.
CheckoutMetadata []types.Metadata

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

// Information about constraints.
CheckoutMetadata []types.Metadata

```

```

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}

```

```

}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
}

```

```

return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckoutBorrowLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
if params == nil {
params = &ListReceivedLicensesInput{}
}

result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
if err != nil {
return nil, err
}

out := result.(*ListReceivedLicensesOutput)
out.ResultMetadata = metadata
return out, nil
}

type ListReceivedLicensesInput struct {

// Filters to scope the results. The following filters are supported:
//

```



```

- ProductSKU
// - Status
// - Fingerprint
// - IssuerName
// - Beneficiary
Filters []types.Filter

// Amazon Resource Names (ARNs) of the licenses.
LicenseArns []string

// Maximum number of results to return in a single call.
MaxResults *int32

// Token for the next set of results.
NextToken *string

noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

// Received license details.
Licenses []types.GrantedLicense

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
if
err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {

```

```

return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}

```

```

}
return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "ListReceivedLicenses",
}
}
}

```

## 1.407 aws-aws-sdk-go-v2-internal-configsources 1.1.30

### 1.407.1 Available under license :

// Code generated by smithy-go-codegen DO NOT EDIT.

```

package grafana

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/grafana/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
if params == nil {
params = &AssociateLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
if err != nil {
return nil, err
}
}

```

```

}

out
:= result.(*AssociateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type AssociateLicenseInput struct {

// The type of license to associate with the workspace.
//
// This member is required.
LicenseType types.LicenseType

// The ID of the workspace to associate the license with.
//
// This member is required.
WorkspaceId *string

noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

// A structure containing data about the workspace.
//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{ }, middleware.After)
if
err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
}

```

```

}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
}

```

```
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}
```

```
func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "AssociateLicense",
}
}
```

AWS SDK for Go

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name: License Scan

on: [pull\_request]

jobs:

licensescan:

name: License Scan

runs-on: ubuntu-latest

strategy:

matrix:

python-version: [3.9]

steps:

- name: Checkout target

uses: actions/checkout@v2

with:

path: sdkbase

ref: \${ { github.base\_ref } }

- name: Checkout this ref

uses: actions/checkout@v2

with:

path: new-ref

fetch-depth: 0

- name: Get Diff

run: git --git-dir ./new-ref/.git diff --name-only --diff-filter=ACMRT \${{ github.event.pull\_request.base.sha }}

\${ { github.sha } } > refDiffFiles.txt

- name: Get Target Files

```

 run: git --git-dir ./sdkbase/.git ls-files | grep -xf refDiffFiles.txt - > targetFiles.txt
- name: Checkout scancode
 uses: actions/checkout@v2
 with:
 repository: nexB/scancode-toolkit
 path: scancode-toolkit
 fetch-depth: 1
- name: Set up Python ${{ matrix.python-version }}
 uses: actions/setup-python@v2
 with:
 python-version: ${{ matrix.python-version }}
ScanCode
- name: Self-configure scancode
 working-directory: ./scancode-toolkit
 run: ./scancode --help
- name: Run Scan code on target
 run: cat targetFiles.txt | while read filename; do echo ./sdkbase/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> old-licenses.txt
- name: Run Scan code on pr ref
 run: cat refDiffFiles.txt | while read filename; do echo ./new-ref/$filename; done | xargs ./scancode-
toolkit/scancode -l -n 30 --json-pp - | grep short_name | sort | uniq >> new-licenses.txt
compare
- name: License test
 run: if ! cmp old-licenses.txt new-licenses.txt; then echo "Licenses differ! Failing."; exit -1; else echo "Licenses
are the same. Success."; exit 0; fi
// Code generated by smithy-go-codegen DO NOT EDIT.

```

package licensemanager

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }
}

```

```

}

out := result.(*CheckInLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
}

```



```

}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack,
options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil
{
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckInLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
if params == nil {
params = &CheckoutLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
if err != nil {
return nil, err
}

out := result.(*CheckoutLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type
CheckoutLicenseInput struct {

// Checkout type.
//

```

```

// This member is required.
CheckoutType types.CheckoutType

// Unique, case-sensitive identifier that you provide to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name

```

```

(ARN) of the checkout license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
 }
 err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}

```

```

}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutLicense",
 }
}

```

```

// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
 params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 // This
 member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

```

```

// A structure containing information about the workspace.
//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {

```

```

return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDisassociateLicense(region string)

```

```

*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "grafana",
OperationName: "DisassociateLicense",
}
}

```

```

// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package licensemanager

```

```

import (
"context"

```



```

awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
 params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

```

```

}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if
 err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
}

```

```

if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack);
err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
}
return nil
}

```

```

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package licensemanager

```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

```

```

// Lists the licenses for your account.

```

```

func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {

```

```

params = &ListLicensesInput{ }
}

result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
if err != nil {
return nil, err
}

out := result.(*ListLicensesOutput)
out.ResultMetadata = metadata
return out, nil
}

```

```

type ListLicensesInput struct {

```

```

// Filters to scope the results. The following filters are supported:

```

```

// - Beneficiary

```

```

// - ProductSKU

```

```

// - Fingerprint

```

```

//

```

```

- Status

```

```

Filters []types.Filter

```

```

// Amazon Resource Names (ARNs) of the licenses.

```

```

LicenseArns []string

```

```

// Maximum number of results to return in a single call.

```

```

MaxResults *int32

```

```

// Token for the next set of results.

```

```

NextToken *string

```

```

noSmithyDocumentSerde

```

```

}

```

```

type ListLicensesOutput struct {

```

```

// License details.

```

```

Licenses []types.License

```

```

// Token for the next set of results.

```

```

NextToken *string

```

```

// Metadata pertaining to the operation's result.

```

```

ResultMetadata middleware.Metadata

```

```

noSmithyDocumentSerde

```

```

}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
}

```

```

if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```
package licensemanager
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

```

```
// Deletes the specified license.
```

```

func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

```

```

result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,

```

```

c.addOperationDeleteLicenseMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*DeleteLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version of the
 license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
}

```

```

}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack,
options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
 return err
}

```



```

}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "DeleteLicense",
}
}

```

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// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

```
// Checks out the specified license for offline use.
```

```
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
```

```
 if params == nil {
 params = &CheckoutBorrowLicenseInput{ }
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
```

```
 if err != nil {
 return nil, err
 }
```

```
 out := result.(*CheckoutBorrowLicenseOutput)
```

```
 out.ResultMetadata = metadata
```

```
 return out, nil
```

```

}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier that you
 // provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

 // License entitlements. Partial checkouts are not supported.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Amazon Resource Name (ARN) of the license. The license must use the borrow
 // consumption configuration.
 //
 // This member is required.
 LicenseArn *string

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

```

```

type CheckoutBorrowLicenseOutput struct {

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Allowed license entitlements.
 EntitlementsAllowed
 []types.EntitlementData

 // Date and time at which the license checkout expires.

```

```

Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
}

```



```

}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{

```

```

Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckoutBorrowLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
 params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide to ensure
 the idempotency of
 // the request.
 //

```

```
// This member is required.
ClientToken *string

// Configuration for consumption of the license. Choose a provisional
// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
Information about the license.
LicenseMetadata []types.Metadata
```

```

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License status.
Status types.LicenseStatus

// License version.
Version *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}

```

```

}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return
err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}

```

```

}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
 params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
 // - ProductSKU
 // - Status
 // - Fingerprint
 // - IssuerName
 // - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.

```

```

MaxResults *int32

// Token for the next set of results.
NextToken *string

noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

// Received license details.
Licenses []types.GrantedLicense

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
if
err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
}

```

```

if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListReceivedLicenses",
}
}

```



```
}
}
```

## 1.408 aws-aws-sdk-go-v2 1.9.24

### 1.408.1 Available under license :

```
// Code generated by smithy-go-codegen DO NOT EDIT.
```

```
package grafana
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
 params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out
 := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
```

LicenseType types.LicenseType

// The ID of the workspace to associate the license with.

//

// This member is required.

WorkspaceId \*string

noSmithyDocumentSerde

}

type AssociateLicenseOutput struct {

// A structure containing data about the workspace.

//

// This member is required.

Workspace \*types.WorkspaceDescription

// Metadata pertaining to the operation's result.

ResultMetadata middleware.Metadata

noSmithyDocumentSerde

}

func (c \*Client) addOperationAssociateLicenseMiddlewares(stack \*middleware.Stack, options Options) (err error) {

err = stack.Serialize.Add(&awsRestjson1\_serializeOpAssociateLicense{ }, middleware.After)

if err != nil {

return err

}

err = stack.Deserialize.Add(&awsRestjson1\_deserializeOpAssociateLicense{ }, middleware.After)

if

err != nil {

return err

}

if err = addSetLoggerMiddleware(stack, options); err != nil {

return err

}

if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {

return err

}

if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {

return err

}

if err = addResolveEndpointMiddleware(stack, options); err != nil {

return err

}

if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {

return err

}

```

if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
}
}

```

```
ServiceID: ServiceID,
SigningName: "grafana",
OperationName: "AssociateLicense",
}
}
AWS SDK for Go
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright 2014-2015 Stripe, Inc.
// Code generated by smithy-go-codegen DO NOT EDIT.
```

```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
```

```

*string

noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack,
options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}

```

```

}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil
{
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckInLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"

```

```

awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
 params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Key fingerprint identifying the license.
 //

```

```

// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name
(ARN) of the checkout license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde

```



```

}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
 }
 err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
}

```

```

if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {

```

```

if params == nil {
 params = &DisassociateLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*DisassociateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 // This
 member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{}, middleware.After)
 if err != nil {

```

```

return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),

```

```

middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "DisassociateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```
package licensemanager
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

```

```

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
 params = &GetLicenseInput{}
 }

```

```

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,

```

```

c.addOperationGetLicenseMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*GetLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {

```

```

return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if
err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack);

```

```

err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
 params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

```



```

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 // - Beneficiary
 // - ProductSKU
 // - Fingerprint
 //
 // - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
}

```

```

if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {

```

```

 return err
}
return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //

```

```

// This member is required.
LicenseArn *string

// Current version of the
license.
//
// This member is required.
SourceVersion *string

noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

// Date when the license is deleted.
DeletionDate *string

// License status.
Status types.LicenseDeletionStatus

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack,
options); err != nil {
return err
}
}

```

```

if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {

```

```
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "DeleteLicense",
}
}
```

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```
// Code generated by smithy-go-codegen DO NOT EDIT.
```

```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

```
// Checks out the specified license for offline use.
```

```
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns ...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
 params = &CheckoutBorrowLicenseInput{ }
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
```

```
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}
```

```
type CheckoutBorrowLicenseInput struct {
```

```
 // Unique, case-sensitive identifier that you
 // provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string
```

```
 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
```

```

//
// This member is required.
DigitalSignatureMethod types.DigitalSignatureMethod

// License entitlements. Partial checkouts are not supported.
//
// This member is required.
Entitlements []types.EntitlementData

// Amazon Resource Name (ARN) of the license. The license must use the borrow
// consumption configuration.
//
// This member is required.
LicenseArn *string

// Information about constraints.
CheckoutMetadata []types.Metadata

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

// Information about constraints.
CheckoutMetadata []types.Metadata

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

```

```

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {

```

```

 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutBorrowLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```
package licensemanager
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"

```

```

"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
 params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide to ensure
 the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional
 // configuration for workloads running with continuous connectivity. Choose a
 // borrow configuration for workloads with offline usage.
 //
 // This member is required.
 ConsumptionConfiguration *types.ConsumptionConfiguration

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.Entitlement

```

```

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
// Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License status.
Status types.LicenseStatus

// License version.
Version *string

```



```

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {

```

```

 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return
err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

```

```

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
 params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
 // - ProductSKU
 // - Status
 // - Fingerprint
 // - IssuerName
 // - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.

```

```

NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 if
 err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
}

```

```

}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListReceivedLicenses",
}
}

```

## 1.409 docker 20.10.21+incompatible

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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## 1.413 kubernetes-klog 2.90.1

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## 1.414 goprotobuf 1.5.3

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## 1.417 x-oauth2 0.6.0

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## 1.418 jul-to-slf4j 2.0.7

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# 1.419 opencontainers-image-spec 1.1.0-rc2.0.20221005185240-3a7f492d3f1b

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# 1.420 aws-aws-sdk-go-v2 1.12.24

## 1.420.1 Available under license :

```
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```

```
package grafana
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
```

```

"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-
// Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
 params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out
 := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

```

```

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{ }, middleware.After)
if
err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {

```

```

 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "AssociateLicense",
}
}

```

AWS SDK for Go

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// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"

```



```

"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{ }, middleware.After)
 if err != nil {
 return err
 }
}

```

```

err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
if err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack,
options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
}

```

```

if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil
{
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckInLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
 params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,

```

```

c.addOperationCheckoutLicenseMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*CheckoutLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type
CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Key fingerprint identifying the license.
 //
 // This member is required.
 KeyFingerprint *string

 // Product SKU.
 //
 // This member is required.
 ProductSKU *string

 // License beneficiary.
 Beneficiary *string

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

```

```

type CheckoutLicenseOutput struct {

 // Checkout type.
 CheckoutType types.CheckoutType

 // Allowed license entitlements.
 EntitlementsAllowed []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string

 // Date and time at which the license checkout is issued.
 IssuedAt *string

 // Amazon Resource Name
 // (ARN) of the checkout license.
 LicenseArn *string

 // License consumption token.
 LicenseConsumptionToken *string

 // Node ID.
 NodeId *string

 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
}

```

```

if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
}

```

```

if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
 params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

```

```

// The type of license to remove from the workspace.
//
// This
member is required.
LicenseType types.LicenseType

// The ID of the workspace to remove the Grafana Enterprise license from.
//
// This member is required.
WorkspaceId *string

noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

// A structure containing information about the workspace.
//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {

```



```

return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "grafana",
OperationName: "DisassociateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
if params == nil {
params = &GetLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
if err != nil {
return nil, err
}

out := result.(*GetLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type GetLicenseInput struct {

// Amazon Resource Name (ARN) of the license.
//
// This member is required.
LicenseArn *string

// License version.

```

```

Version
*string

noSmithyDocumentSerde
}

type GetLicenseOutput struct {

// License details.
License *types.License

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if
err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
}

```

```

if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack);
err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
 params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 // - Beneficiary
 // - ProductSKU
 // - Fingerprint
 //
 // - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

```

```

noSmithyDocumentSerde
}

type ListLicensesOutput struct {

// License details.
Licenses []types.License

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
}

```

```

if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
 }
}

```

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
 "context"
```

```

awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version of the
 license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

```



```

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack,
options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {

```

```

return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "DeleteLicense",
}
}

```

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```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

```
// Checks out the specified license for offline use.
```

```

func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
 params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

```

```

type CheckoutBorrowLicenseInput struct {

```

```

 // Unique, case-sensitive identifier that you
 provide to ensure the idempotency of
 // the request.
 //

```

```

 // This member is required.
 ClientToken *string

```

```

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //

```

```

 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

```

```

 // License entitlements. Partial checkouts are not supported.
 //

```

```

 // This member is required.
 Entitlements []types.EntitlementData

```

```

 // Amazon Resource Name (ARN) of the license. The license must use the borrow
 // consumption configuration.
 //

```

```

 // This member is required.
 LicenseArn *string

```

```

 // Information about constraints.
 CheckoutMetadata []types.Metadata

```

```

 // Node ID.

```



```

NodeId *string

noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

// Information about constraints.
CheckoutMetadata []types.Metadata

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
}

```

```

if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
}

```

```

if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutBorrowLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
 params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CreateLicenseOutput)

```

```
out.ResultMetadata = metadata
return out, nil
}
```

```
type CreateLicenseInput struct {
```

```
 // License beneficiary.
```

```
 //
```

```
 // This member is required.
```

```
 Beneficiary *string
```

```
 // Unique, case-sensitive identifier that you provide to ensure
 // the idempotency of
```

```
 // the request.
```

```
 //
```

```
 // This member is required.
```

```
 ClientToken *string
```

```
 // Configuration for consumption of the license. Choose a provisional
```

```
 // configuration for workloads running with continuous connectivity. Choose a
```

```
 // borrow configuration for workloads with offline usage.
```

```
 //
```

```
 // This member is required.
```

```
 ConsumptionConfiguration *types.ConsumptionConfiguration
```

```
 // License entitlements.
```

```
 //
```

```
 // This member is required.
```

```
 Entitlements []types.Entitlement
```

```
 // Home Region for the license.
```

```
 //
```

```
 // This member is required.
```

```
 HomeRegion *string
```

```
 // License issuer.
```

```
 //
```

```
 // This member is required.
```

```
 Issuer *types.Issuer
```

```
 // License name.
```

```
 //
```

```
 // This member is required.
```

```
 LicenseName *string
```

```
 // Product name.
```

```
 //
```

```
 // This member is required.
```

```

ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
// Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License status.
Status types.LicenseStatus

// License version.
Version *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
}

```

```

if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return
err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
}

```

```

if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
..func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
 params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

```

```

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
 // - ProductSKU
 // - Status
 // - Fingerprint
 // - IssuerName
 // - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 if

```



```

err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {

```

```

 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListReceivedLicenses",
}
}
}

```

## 1.421 aws-aws-sdk-go-v2 1.18.16

### 1.421.1 Available under license :

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package grafana
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
 params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)

```

```

if err != nil {
 return nil, err
}

out
:= result.(*AssociateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{ }, middleware.After)
 if
 err != nil {
 return err
 }
}

```

```

if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {

```

```

 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "AssociateLicense",
}
}
}
AWS SDK for Go
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright 2014-2015 Stripe, Inc.
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }
}

```

```

out := result.(*CheckInLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type CheckInLicenseInput struct {

// License consumption token.
//
// This member is required.
LicenseConsumptionToken *string

// License beneficiary.
Beneficiary
*string

noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {

```

```

return err
}
if err = addRetryMiddlewares(stack,
options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil
{
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata

```

```

{
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckInLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
 params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
CheckoutLicenseInput struct {

// Checkout type.
//
// This member is required.
CheckoutType types.CheckoutType

```



```

// Unique, case-sensitive identifier that you provide to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name
// (ARN) of the checkout license.
LicenseArn *string

```

```

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
 }
 err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {

```

```

return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckoutLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package grafana

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
 params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 // This
 member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.

```

```

//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
}

```

```

if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "DisassociateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```
package licensemanager
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"

```

```

"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
 params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

```

```

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if
 err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
 return err
 }
}

```



```

}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack);
err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
}
}

```

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

```

// Lists the licenses for your account.

```

func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
 params = &ListLicensesInput{}
 }
}

```

```

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 // - Beneficiary
 // - ProductSKU
 // - Fingerprint
 //
 // - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

```

```

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);

```

```

err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)

```

```

if err != nil {
 return nil, err
}

out := result.(*DeleteLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version of the
 license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
}

```

```

if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack,
options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
 return err
}

```

```

if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "DeleteLicense",
}
}

```

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// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
```

```
 "context"
```

```
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
```

```
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
```

```
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
```

```
 "github.com/aws/smithy-go/middleware"
```

```
 smithyhttp "github.com/aws/smithy-go/transport/http"
```

```
)
```

```
// Checks out the specified license for offline use.
```

```
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
```

```
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
```

```
 if params == nil {
```

```
 params = &CheckoutBorrowLicenseInput{}
```

```
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
```

```
 c.addOperationCheckoutBorrowLicenseMiddlewares)
```

```
 if err != nil {
```

```
 return nil, err
```

```
 }
```

```
 out := result.(*CheckoutBorrowLicenseOutput)
```

```
 out.ResultMetadata = metadata
```

```
 return out, nil
```

```
}
```

```

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier that you
 // provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

 // License entitlements. Partial checkouts are not supported.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Amazon Resource Name (ARN) of the license. The license must use the borrow
 // consumption configuration.
 //
 // This member is required.
 LicenseArn *string

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

```

```

type CheckoutBorrowLicenseOutput struct {

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Allowed license entitlements.
 EntitlementsAllowed
 []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string
}

```

```

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
}

```

```

if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
}
}

```

```

ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckoutBorrowLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
if params == nil {
params = &CreateLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
if err != nil {
return nil, err
}

out := result.(*CreateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type CreateLicenseInput struct {

// License beneficiary.
//
// This member is required.
Beneficiary *string

// Unique, case-sensitive identifier that you provide to ensure
the idempotency of
// the request.
//
// This member is required.

```



```
ClientToken *string

// Configuration for consumption of the license. Choose a provisional
// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
// Information about the license.
LicenseMetadata []types.Metadata
```

```

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
 err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
}

```

```

if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return
err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}

```

```

}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
 ..func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
 params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
 c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
 // - ProductSKU
 // - Status
 // - Fingerprint
 // - IssuerName
 // - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

```

```

// Token for the next set of results.
NextToken *string

noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

// Received license details.
Licenses []types.GrantedLicense

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
if
err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {

```

```

return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "ListReceivedLicenses",
}
}

```

```
}
```

# 1.422 aws-aws-sdk-go-v2-internal-ini 1.3.31

## 1.422.1 Available under license :

```
// Code generated by smithy-go-codegen DO NOT EDIT.
```

```
package grafana
```

```
import (
```

```
 "context"
```

```
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
```

```
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
```

```
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
```

```
 "github.com/aws/smithy-go/middleware"
```

```
 smithyhttp "github.com/aws/smithy-go/transport/http"
```

```
)
```

```
// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
```

```
// Enterprise incurs additional fees. For more information, see Upgrade a
```

```
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
```

```
// .
```

```
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
```

```
(*AssociateLicenseOutput, error) {
```

```
 if params == nil {
```

```
 params = &AssociateLicenseInput{}
```

```
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
```

```
 c.addOperationAssociateLicenseMiddlewares)
```

```
 if err != nil {
```

```
 return nil, err
```

```
 }
```

```
 out
```

```
 := result.(*AssociateLicenseOutput)
```

```
 out.ResultMetadata = metadata
```

```
 return out, nil
```

```
}
```

```
type AssociateLicenseInput struct {
```

```
 // The type of license to associate with the workspace.
```

```
 //
```

```
 // This member is required.
```

```
 LicenseType types.LicenseType
```

```

// The ID of the workspace to associate the license with.
//
// This member is required.
WorkspaceId *string

noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

// A structure containing data about the workspace.
//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{ }, middleware.After)
if
err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {

```



```

return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
}
}

```

```
 SigningName: "grafana",
 OperationName: "AssociateLicense",
 }
}
AWS SDK for Go
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright 2014-2015 Stripe, Inc.
// Code generated by smithy-go-codegen DO NOT EDIT.
```

```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string
}
```

```

noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack,
options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {

```

```

 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil
{
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckInLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"

```

```

"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
 params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Key fingerprint identifying the license.
 //
 // This member is required.
 KeyFingerprint *string

```

```

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name
(ARN) of the checkout license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

```

```

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
 err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
 }
}

```

```

}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
 params = &DisassociateLicenseInput{}
 }
}

```



```

}

result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*DisassociateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 // This
 member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
}

```

```

err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}

```

```

if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "DisassociateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
 params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
 return nil, err
 }
}

```

```

}

out := result.(*GetLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {

```

```

return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if
err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack);
err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {

```

```

 return err
}
return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
 params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 // - Beneficiary

```

```

// - ProductSKU
// - Fingerprint
//
- Status
Filters []types.Filter

// Amazon Resource Names (ARNs) of the licenses.
LicenseArns []string

// Maximum number of results to return in a single call.
MaxResults *int32

// Token for the next set of results.
NextToken *string

noSmithyDocumentSerde
}

type ListLicensesOutput struct {

// License details.
Licenses []types.License

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
}

```

```

if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```



```

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package licensemanager

```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

```

```

// Deletes the specified license.

```

```

func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

```

```

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

```

```

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

```

```

type DeleteLicenseInput struct {

```

```

 // Amazon Resource Name (ARN) of the license.

```

```

 //

```

```

 // This member is required.

```

```

 LicenseArn *string

```

```

 // Current version of the

```

```

license.
//
// This member is required.
SourceVersion *string

noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

// Date when the license is deleted.
DeletionDate *string

// License status.
Status types.LicenseDeletionStatus

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack,
options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {

```

```

return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
}
}

```

OperationName: "DeleteLicense",

}

}

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```

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// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
 params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide to ensure
 the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional
 // configuration for workloads running with continuous connectivity. Choose a

```

```

// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

```

```

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License status.
Status types.LicenseStatus

// License version.
Version *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
 err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {

```

```

 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return
err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
 params = &CheckoutBorrowLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutBorrowLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier that you
 // provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

 // License entitlements. Partial checkouts are not supported.
 //
 // This member is required.
 Entitlements []types.EntitlementData

```

```

// Amazon Resource Name (ARN) of the license. The license must use the borrow
// consumption configuration.
//
// This member is required.
LicenseArn *string

// Information about constraints.
CheckoutMetadata []types.Metadata

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutBorrowLicenseOutput struct {

// Information about constraints.
CheckoutMetadata []types.Metadata

// Allowed license entitlements.
EntitlementsAllowed
[]types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

```

```

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
}

```

```

if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutBorrowLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {

```



```

if params == nil {
 params = &ListReceivedLicensesInput{}
}

result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*ListReceivedLicensesOutput)
out.ResultMetadata = metadata
return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
 // - ProductSKU
 // - Status
 // - Fingerprint
 // - IssuerName
 // - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata
}

```

```

noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
if
err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
}

```

```

if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return
 err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListReceivedLicenses",
}
}

```

## 1.423 aws-aws-sdk-go-v2-service-ssooidc

### 1.14.5

#### 1.423.1 Available under license :

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package grafana
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"

```

```

"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-
// Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
 params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out
 := result.(*AssociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription
}

```

```

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{ }, middleware.After)
if
err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {

```

```

 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
}
return nil
}

```

```

func newServiceMetadataMiddleware_opAssociateLicense(region string)

```

```

*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "AssociateLicense",
}
}

```

AWS SDK for Go

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// Code generated by smithy-go-codegen DO NOT EDIT.

```

package licensemanager

```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"

```

```

"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckInLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CheckInLicenseInput struct {

 // License consumption token.
 //
 // This member is required.
 LicenseConsumptionToken *string

 // License beneficiary.
 Beneficiary
 *string

 noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{}, middleware.After)
 if err != nil {
 return err
 }
}

```

```

err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
if err != nil {
 return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack,
options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
 return err
}

```



```

if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil
{
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckInLicense",
 }
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
 params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,

```

```

c.addOperationCheckoutLicenseMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*CheckoutLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type
CheckoutLicenseInput struct {

 // Checkout type.
 //
 // This member is required.
 CheckoutType types.CheckoutType

 // Unique, case-sensitive identifier that you provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Key fingerprint identifying the license.
 //
 // This member is required.
 KeyFingerprint *string

 // Product SKU.
 //
 // This member is required.
 ProductSKU *string

 // License beneficiary.
 Beneficiary *string

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

```

```

type CheckoutLicenseOutput struct {

 // Checkout type.
 CheckoutType types.CheckoutType

 // Allowed license entitlements.
 EntitlementsAllowed []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string

 // Date and time at which the license checkout is issued.
 IssuedAt *string

 // Amazon Resource Name
 // (ARN) of the checkout license.
 LicenseArn *string

 // License consumption token.
 LicenseConsumptionToken *string

 // Node ID.
 NodeId *string

 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
}

```

```

if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
}

```

```

if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package grafana

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
 params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

```

```

// The type of license to remove from the workspace.
//
// This
member is required.
LicenseType types.LicenseType

// The ID of the workspace to remove the Grafana Enterprise license from.
//
// This member is required.
WorkspaceId *string

noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

// A structure containing information about the workspace.
//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {

```

```

return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "grafana",
OperationName: "DisassociateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
if params == nil {
params = &GetLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
if err != nil {
return nil, err
}

out := result.(*GetLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type GetLicenseInput struct {

// Amazon Resource Name (ARN) of the license.
//
// This member is required.
LicenseArn *string

// License version.

```



```

Version
*string

noSmithyDocumentSerde
}

type GetLicenseOutput struct {

// License details.
License *types.License

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if
err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
}

```

```

if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack);
err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists the licenses for your account.
func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
 params = &ListLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 // - Beneficiary
 // - ProductSKU
 // - Fingerprint
 //
 // - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

```

```

noSmithyDocumentSerde
}

type ListLicensesOutput struct {

// License details.
Licenses []types.License

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
}

```

```

if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);
err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
 return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
 }
}

```

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
 "context"
```

```

awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DeleteLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version of the
 license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

```

```

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack,
options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {

```

```

return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "DeleteLicense",
}
}

```

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// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)
```

```
// Creates a license.
```

```

func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
 if params == nil {
 params = &CreateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CreateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type CreateLicenseInput struct {

 // License beneficiary.
 //
 // This member is required.
 Beneficiary *string

 // Unique, case-sensitive identifier that you provide to ensure
 the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Configuration for consumption of the license. Choose a provisional
 // configuration for workloads running with continuous connectivity. Choose a
 // borrow configuration for workloads with offline usage.
 //
 // This member is required.
 ConsumptionConfiguration *types.ConsumptionConfiguration

 // License entitlements.
 //
 // This member is required.
 Entitlements []types.Entitlement

 // Home Region for the license.
 //
 // This member is required.
 HomeRegion *string

```

```

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
// Information about the license.
LicenseMetadata []types.Metadata

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License status.
Status types.LicenseStatus

// License version.
Version *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

```

```

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
 err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {

```



```

 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return
err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license for offline use.
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
 if params == nil {
 params = &CheckoutBorrowLicenseInput{}
 }
}

```

```

}

result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
c.addOperationCheckoutBorrowLicenseMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*CheckoutBorrowLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier that you
 // provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

 // License entitlements. Partial checkouts are not supported.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Amazon Resource Name (ARN) of the license. The license must use the borrow
 // consumption configuration.
 //
 // This member is required.
 LicenseArn *string

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

```

```

type CheckoutBorrowLicenseOutput struct {

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Allowed license entitlements.
 EntitlementsAllowed
 []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string

 // Date and time at which the license checkout is issued.
 IssuedAt *string

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License consumption token.
 LicenseConsumptionToken *string

 // Node ID.
 NodeId *string

 // Signed token.
 SignedToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);

```

```

err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {

```

```

 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckoutBorrowLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
...func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
 params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

```

```

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
 // - ProductSKU
 // - Status
 // - Fingerprint
 // - IssuerName
 // - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

 // Received license details.
 Licenses []types.GrantedLicense

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 if

```

```

err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {

```

```

 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListReceivedLicenses",
}
}
}

```

## 1.424 aws-aws-sdk-go-v2 1.13.16

### 1.424.1 Available under license :

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package grafana
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Assigns a Grafana Enterprise license to a workspace. Upgrading to Grafana
// Enterprise incurs additional fees. For more information, see Upgrade a
// workspace to Grafana Enterprise (https://docs.aws.amazon.com/grafana/latest/userguide/upgrade-to-Grafana-Enterprise.html)
// .
func (c *Client) AssociateLicense(ctx context.Context, params *AssociateLicenseInput, optFns ...func(*Options))
(*AssociateLicenseOutput, error) {
 if params == nil {
 params = &AssociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "AssociateLicense", params, optFns,
c.addOperationAssociateLicenseMiddlewares)

```



```

if err != nil {
 return nil, err
}

out
:= result.(*AssociateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type AssociateLicenseInput struct {

 // The type of license to associate with the workspace.
 //
 // This member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to associate the license with.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type AssociateLicenseOutput struct {

 // A structure containing data about the workspace.
 //
 // This member is required.
 Workspace *types.WorkspaceDescription

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationAssociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsRestjson1_serializeOpAssociateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsRestjson1_deserializeOpAssociateLicense{ }, middleware.After)
 if
 err != nil {
 return err
 }
}

```

```

if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack);
err != nil {
 return err
}
if err = addOpAssociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opAssociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {

```

```

 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opAssociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "AssociateLicense",
}
}
}
AWS SDK for Go
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright 2014-2015 Stripe, Inc.
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks in the specified license. Check in a license when it is no longer in use.
func (c *Client) CheckInLicense(ctx context.Context, params *CheckInLicenseInput, optFns ...func(*Options))
(*CheckInLicenseOutput, error) {
 if params == nil {
 params = &CheckInLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckInLicense", params, optFns,
c.addOperationCheckInLicenseMiddlewares)
 if err != nil {
 return nil, err
 }
}

```

```

out := result.(*CheckInLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type CheckInLicenseInput struct {

// License consumption token.
//
// This member is required.
LicenseConsumptionToken *string

// License beneficiary.
Beneficiary
*string

noSmithyDocumentSerde
}

type CheckInLicenseOutput struct {
// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckInLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckInLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckInLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {

```

```

return err
}
if err = addRetryMiddlewares(stack,
options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpCheckInLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckInLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil
{
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckInLicense(region string) *awsmiddleware.RegisterServiceMetadata

```

```

{
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CheckInLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Checks out the specified license. If the account that created the license is
// the same that is performing the check out, you must specify the account as the
// beneficiary.
func (c *Client) CheckoutLicense(ctx context.Context, params *CheckoutLicenseInput, optFns ...func(*Options))
(*CheckoutLicenseOutput, error) {
 if params == nil {
 params = &CheckoutLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "CheckoutLicense", params, optFns,
c.addOperationCheckoutLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*CheckoutLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type
CheckoutLicenseInput struct {

// Checkout type.
//
// This member is required.
CheckoutType types.CheckoutType

```

```

// Unique, case-sensitive identifier that you provide to ensure the idempotency of
// the request.
//
// This member is required.
ClientToken *string

// License entitlements.
//
// This member is required.
Entitlements []types.EntitlementData

// Key fingerprint identifying the license.
//
// This member is required.
KeyFingerprint *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// License beneficiary.
Beneficiary *string

// Node ID.
NodeId *string

noSmithyDocumentSerde
}

type CheckoutLicenseOutput struct {

// Checkout type.
CheckoutType types.CheckoutType

// Allowed license entitlements.
EntitlementsAllowed []types.EntitlementData

// Date and time at which the license checkout expires.
Expiration *string

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name
// (ARN) of the checkout license.
LicenseArn *string

```

```

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return
 }
 err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {

```



```

return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = addOpCheckoutLicenseValidationMiddleware(stack); err != nil {
return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutLicense(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack);
err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

func newServiceMetadataMiddleware_opCheckoutLicense(region string) *awsmiddleware.RegisterServiceMetadata
{
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckoutLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```

package grafana

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/grafana/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Removes the Grafana Enterprise license from a workspace.
func (c *Client) DisassociateLicense(ctx context.Context, params *DisassociateLicenseInput, optFns
...func(*Options)) (*DisassociateLicenseOutput, error) {
 if params == nil {
 params = &DisassociateLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DisassociateLicense", params, optFns,
c.addOperationDisassociateLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*DisassociateLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type DisassociateLicenseInput struct {

 // The type of license to remove from the workspace.
 //
 // This
 member is required.
 LicenseType types.LicenseType

 // The ID of the workspace to remove the Grafana Enterprise license from.
 //
 // This member is required.
 WorkspaceId *string

 noSmithyDocumentSerde
}

type DisassociateLicenseOutput struct {

 // A structure containing information about the workspace.

```

```

//
// This member is required.
Workspace *types.WorkspaceDescription

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationDisassociateLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsRestjson1_serializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsRestjson1_deserializeOpDisassociateLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
}

```

```

if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDisassociateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDisassociateLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opDisassociateLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "grafana",
 OperationName: "DisassociateLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

```

```
package licensemanager
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"

```

```

"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Gets detailed information about the specified license.
func (c *Client) GetLicense(ctx context.Context, params *GetLicenseInput, optFns ...func(*Options))
(*GetLicenseOutput, error) {
 if params == nil {
 params = &GetLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "GetLicense", params, optFns,
c.addOperationGetLicenseMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*GetLicenseOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type GetLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // License version.
 Version
 *string

 noSmithyDocumentSerde
}

type GetLicenseOutput struct {

 // License details.
 License *types.License

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

```

```

func (c *Client) addOperationGetLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpGetLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if
 err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = addOpGetLicenseValidationMiddleware(stack); err != nil {
 return err
 }
}

```

```

 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opGetLicense(options.Region), middleware.Before);
err != nil {
 return err
 }
 if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
 }
 if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
 }
 if err = addResponseErrorMiddleware(stack);
err != nil {
 return err
 }
 if err = addRequestResponseLogging(stack, options); err != nil {
 return err
 }
 return nil
}

```

```

func newServiceMetadataMiddleware_opGetLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "GetLicense",
 }
}

```

// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

```

// Lists the licenses for your account.

```

func (c *Client) ListLicenses(ctx context.Context, params *ListLicensesInput, optFns ...func(*Options))
(*ListLicensesOutput, error) {
 if params == nil {
 params = &ListLicensesInput{}
 }
}

```

```

result, metadata, err := c.invokeOperation(ctx, "ListLicenses", params, optFns,
c.addOperationListLicensesMiddlewares)
if err != nil {
 return nil, err
}

out := result.(*ListLicensesOutput)
out.ResultMetadata = metadata
return out, nil
}

type ListLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 // - Beneficiary
 // - ProductSKU
 // - Fingerprint
 //
 // - Status
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

 // Token for the next set of results.
 NextToken *string

 noSmithyDocumentSerde
}

type ListLicensesOutput struct {

 // License details.
 Licenses []types.License

 // Token for the next set of results.
 NextToken *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

```



```

func (c *Client) addOperationListLicensesMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListLicenses{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
 err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
 if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
 }
 if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
 }
 if err = addClientUserAgent(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
 }
 if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListLicenses(options.Region), middleware.Before);

```

```

err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opListLicenses(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "ListLicenses",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Deletes the specified license.
func (c *Client) DeleteLicense(ctx context.Context, params *DeleteLicenseInput, optFns ...func(*Options))
(*DeleteLicenseOutput, error) {
 if params == nil {
 params = &DeleteLicenseInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "DeleteLicense", params, optFns,
c.addOperationDeleteLicenseMiddlewares)

```

```

if err != nil {
 return nil, err
}

out := result.(*DeleteLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type DeleteLicenseInput struct {

 // Amazon Resource Name (ARN) of the license.
 //
 // This member is required.
 LicenseArn *string

 // Current version of the
 license.
 //
 // This member is required.
 SourceVersion *string

 noSmithyDocumentSerde
}

type DeleteLicenseOutput struct {

 // Date when the license is deleted.
 DeletionDate *string

 // License status.
 Status types.LicenseDeletionStatus

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationDeleteLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpDeleteLicense{ }, middleware.After)
 if err != nil {
 return err
 }
}

```

```

if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
 return err
}
if err = addResolveEndpointMiddleware(stack,
options); err != nil {
 return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
}
if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpDeleteLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opDeleteLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack);
err != nil {
 return err
}

```

```

if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opDeleteLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "DeleteLicense",
}
}

```

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// Code generated by smithy-go-codegen DO NOT EDIT.

```
package licensemanager
```

```
import (
```

```
 "context"
```

```
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
```

```
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
```

```
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
```

```
 "github.com/aws/smithy-go/middleware"
```

```
 smithyhttp "github.com/aws/smithy-go/transport/http"
```

```
)
```

```
// Checks out the specified license for offline use.
```

```
func (c *Client) CheckoutBorrowLicense(ctx context.Context, params *CheckoutBorrowLicenseInput, optFns
```

```
...func(*Options)) (*CheckoutBorrowLicenseOutput, error) {
```

```
 if params == nil {
```

```
 params = &CheckoutBorrowLicenseInput{}
```

```
 }
```

```
 result, metadata, err := c.invokeOperation(ctx, "CheckoutBorrowLicense", params, optFns,
```

```
 c.addOperationCheckoutBorrowLicenseMiddlewares)
```

```
 if err != nil {
```

```
 return nil, err
```

```
 }
```

```
 out := result.(*CheckoutBorrowLicenseOutput)
```

```
 out.ResultMetadata = metadata
```

```
 return out, nil
```

```
}
```

```

type CheckoutBorrowLicenseInput struct {

 // Unique, case-sensitive identifier that you
 // provide to ensure the idempotency of
 // the request.
 //
 // This member is required.
 ClientToken *string

 // Digital signature method. The possible value is JSON Web Signature (JWS)
 // algorithm PS384. For more information, see RFC 7518 Digital Signature with
 // RSASSA-PSS (https://tools.ietf.org/html/rfc7518#section-3.5) .
 //
 // This member is required.
 DigitalSignatureMethod types.DigitalSignatureMethod

 // License entitlements. Partial checkouts are not supported.
 //
 // This member is required.
 Entitlements []types.EntitlementData

 // Amazon Resource Name (ARN) of the license. The license must use the borrow
 // consumption configuration.
 //
 // This member is required.
 LicenseArn *string

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Node ID.
 NodeId *string

 noSmithyDocumentSerde
}

```

```

type CheckoutBorrowLicenseOutput struct {

 // Information about constraints.
 CheckoutMetadata []types.Metadata

 // Allowed license entitlements.
 EntitlementsAllowed
 []types.EntitlementData

 // Date and time at which the license checkout expires.
 Expiration *string
}

```

```

// Date and time at which the license checkout is issued.
IssuedAt *string

// Amazon Resource Name (ARN) of the license.
LicenseArn *string

// License consumption token.
LicenseConsumptionToken *string

// Node ID.
NodeId *string

// Signed token.
SignedToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationCheckoutBorrowLicenseMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCheckoutBorrowLicense{ }, middleware.After)
if err != nil {
return err
}
if err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack);
err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
}

```

```

if err = addRetryMiddlewares(stack, options); err != nil {
 return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCheckoutBorrowLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err
= stack.Initialize.Add(newServiceMetadataMiddleware_opCheckoutBorrowLicense(options.Region),
middleware.Before); err != nil {
 return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opCheckoutBorrowLicense(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
}
}

```

```

ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "CheckoutBorrowLicense",
}
}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
"context"
awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
"github.com/aws/aws-sdk-go-v2/aws/signer/v4"
"github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
"github.com/aws/smithy-go/middleware"
smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Creates a license.
func (c *Client) CreateLicense(ctx context.Context, params *CreateLicenseInput, optFns ...func(*Options))
(*CreateLicenseOutput, error) {
if params == nil {
params = &CreateLicenseInput{}
}

result, metadata, err := c.invokeOperation(ctx, "CreateLicense", params, optFns,
c.addOperationCreateLicenseMiddlewares)
if err != nil {
return nil, err
}

out := result.(*CreateLicenseOutput)
out.ResultMetadata = metadata
return out, nil
}

type CreateLicenseInput struct {

// License beneficiary.
//
// This member is required.
Beneficiary *string

// Unique, case-sensitive identifier that you provide to ensure
the idempotency of
// the request.
//
// This member is required.

```

```
ClientToken *string

// Configuration for consumption of the license. Choose a provisional
// configuration for workloads running with continuous connectivity. Choose a
// borrow configuration for workloads with offline usage.
//
// This member is required.
ConsumptionConfiguration *types.ConsumptionConfiguration

// License entitlements.
//
// This member is required.
Entitlements []types.Entitlement

// Home Region for the license.
//
// This member is required.
HomeRegion *string

// License issuer.
//
// This member is required.
Issuer *types.Issuer

// License name.
//
// This member is required.
LicenseName *string

// Product name.
//
// This member is required.
ProductName *string

// Product SKU.
//
// This member is required.
ProductSKU *string

// Date and time range during which the license is valid, in ISO8601-UTC format.
//
// This member is required.
Validity *types.DatetimeRange

//
// Information about the license.
LicenseMetadata []types.Metadata
```

```

noSmithyDocumentSerde
}

type CreateLicenseOutput struct {

 // Amazon Resource Name (ARN) of the license.
 LicenseArn *string

 // License status.
 Status types.LicenseStatus

 // License version.
 Version *string

 // Metadata pertaining to the operation's result.
 ResultMetadata middleware.Metadata

 noSmithyDocumentSerde
}

func (c *Client) addOperationCreateLicenseMiddlewares(stack *middleware.Stack, options Options) (err error) {
 err = stack.Serialize.Add(&awsAwsjson11_serializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpCreateLicense{ }, middleware.After)
 if err != nil {
 return err
 }
 if err = addSetLoggerMiddleware(stack, options); err != nil {
 return err
 }
 if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
 return err
 }
 if err = smithyhttp.AddComputeContentLengthMiddleware(stack);
 err != nil {
 return err
 }
 if err = addResolveEndpointMiddleware(stack, options); err != nil {
 return err
 }
 if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
 return err
 }
 if err = addRetryMiddlewares(stack, options); err != nil {
 return err
 }
}

```



```

if err = addHTTPSignerV4Middleware(stack, options); err != nil {
 return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
 return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
 return err
}
if err = addClientUserAgent(stack); err != nil {
 return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
 return err
}
if err = addOpCreateLicenseValidationMiddleware(stack); err != nil {
 return err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opCreateLicense(options.Region),
middleware.Before); err != nil {
 return
err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
 return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
 return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
 return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
 return err
}
return nil
}

func newServiceMetadataMiddleware_opCreateLicense(region string) *awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
 Region: region,
 ServiceID: ServiceID,
 SigningName: "license-manager",
 OperationName: "CreateLicense",
}
}

```

```

}
// Code generated by smithy-go-codegen DO NOT EDIT.

package licensemanager

import (
 "context"
 awsmiddleware "github.com/aws/aws-sdk-go-v2/aws/middleware"
 "github.com/aws/aws-sdk-go-v2/aws/signer/v4"
 "github.com/aws/aws-sdk-go-v2/service/licensemanager/types"
 "github.com/aws/smithy-go/middleware"
 smithyhttp "github.com/aws/smithy-go/transport/http"
)

// Lists received licenses.
func (c *Client) ListReceivedLicenses(ctx context.Context, params *ListReceivedLicensesInput, optFns
 ..func(*Options)) (*ListReceivedLicensesOutput, error) {
 if params == nil {
 params = &ListReceivedLicensesInput{}
 }

 result, metadata, err := c.invokeOperation(ctx, "ListReceivedLicenses", params, optFns,
 c.addOperationListReceivedLicensesMiddlewares)
 if err != nil {
 return nil, err
 }

 out := result.(*ListReceivedLicensesOutput)
 out.ResultMetadata = metadata
 return out, nil
}

type ListReceivedLicensesInput struct {

 // Filters to scope the results. The following filters are supported:
 //
 // - ProductSKU
 // - Status
 // - Fingerprint
 // - IssuerName
 // - Beneficiary
 Filters []types.Filter

 // Amazon Resource Names (ARNs) of the licenses.
 LicenseArns []string

 // Maximum number of results to return in a single call.
 MaxResults *int32

```

```

// Token for the next set of results.
NextToken *string

noSmithyDocumentSerde
}

type ListReceivedLicensesOutput struct {

// Received license details.
Licenses []types.GrantedLicense

// Token for the next set of results.
NextToken *string

// Metadata pertaining to the operation's result.
ResultMetadata middleware.Metadata

noSmithyDocumentSerde
}

func (c *Client) addOperationListReceivedLicensesMiddlewares(stack *middleware.Stack, options Options) (err
error) {
err = stack.Serialize.Add(&awsAwsjson11_serializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
err = stack.Deserialize.Add(&awsAwsjson11_deserializeOpListReceivedLicenses{ }, middleware.After)
if err != nil {
return err
}
if
err = addSetLoggerMiddleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddClientRequestIDMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddComputeContentLengthMiddleware(stack); err != nil {
return err
}
if err = addResolveEndpointMiddleware(stack, options); err != nil {
return err
}
if err = v4.AddComputePayloadSHA256Middleware(stack); err != nil {
return err
}
if err = addRetryMiddlewares(stack, options); err != nil {

```

```

return err
}
if err = addHTTPSignerV4Middleware(stack, options); err != nil {
return err
}
if err = awsmiddleware.AddRawResponseToMetadata(stack); err != nil {
return err
}
if err = awsmiddleware.AddRecordResponseTiming(stack); err != nil {
return err
}
if err = addClientUserAgent(stack); err != nil {
return err
}
if err = smithyhttp.AddErrorCloseResponseBodyMiddleware(stack); err != nil {
return err
}
if err = smithyhttp.AddCloseResponseBodyMiddleware(stack); err != nil {
return
err
}
if err = stack.Initialize.Add(newServiceMetadataMiddleware_opListReceivedLicenses(options.Region),
middleware.Before); err != nil {
return err
}
if err = awsmiddleware.AddRecursionDetection(stack); err != nil {
return err
}
if err = addRequestIDRetrieverMiddleware(stack); err != nil {
return err
}
if err = addResponseErrorMiddleware(stack); err != nil {
return err
}
if err = addRequestResponseLogging(stack, options); err != nil {
return err
}
return nil
}

```

```

func newServiceMetadataMiddleware_opListReceivedLicenses(region string)
*awsmiddleware.RegisterServiceMetadata {
return &awsmiddleware.RegisterServiceMetadata{
Region: region,
ServiceID: ServiceID,
SigningName: "license-manager",
OperationName: "ListReceivedLicenses",
}
}

```

}

# 1.425 otel-exporters-otlp-otlptrace-otlptracegrpc 1.14.0

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```

-----  
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```
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
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-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliant stdint.h for Microsoft Visual Studio
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//
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```

-----  
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\*

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```

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\*/

Found in path(s):

\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-jar/io/kubernetes/client/proto/V1alpha1Settings.java

```
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V2alpha1Batch.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1alpha1Admissionregistration.java
*
/opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1alpha1Admission.java
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```

Found in path(s):

```
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1beta1Admissionregistration.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1Scheduling.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1beta1Policy.java
*
/opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1beta1Storage.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1beta1Authorization.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1Storage.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1Admissionregistration.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1beta1Apiextensions.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1beta1Rbac.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1alpha1Imagepolicy.java
*
/opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V2beta1Autoscaling.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
```

jar/io/kubernetes/client/proto/V1.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1beta1Authentication.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/Runtime.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Batch.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1beta1Apps.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Rbac.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/Resource.java  
\*  
/opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/Meta.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Networking.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/RuntimeSchema.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Autoscaling.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Authentication.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Admission.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Certificates.java  
\*  
/opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1beta1Extensions.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1beta1Certificates.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1beta1Admission.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Apps.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1beta2Apps.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Authorization.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1Policy.java  
\* /opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V1beta1Batch.java  
\*  
/opt/cola/permits/1627240883\_1681885463.3899114/0/client-java-proto-18-0-0-sources-  
jar/io/kubernetes/client/proto/V2beta2Autoscaling.java

```
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/IntStr.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1alpha1Scheduling.java
* /opt/cola/permits/1627240883_1681885463.3899114/0/client-java-proto-18-0-0-sources-
jar/io/kubernetes/client/proto/V1alpha1Rbac.java
```

## 1.433 client-java-api 18.0.0

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1627240813_1680652285.1295514/0/client-java-api-18-0-0-sources-
jar/io/kubernetes/client/openapi/JSON.java
```

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```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1627240813_1680652285.1295514/0/client-java-api-18-0-0-sources-
jar/io/kubernetes/client/openapi/models/V1Taint.java
```

```
* /opt/cola/permits/1627240813_1680652285.1295514/0/client-java-api-18-0-0-sources-
```

jar/io/kubernetes/client/openapi/models/V1CertificateSigningRequestSpec.java  
\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/models/V1RBDPersistentVolumeSource.java  
\*  
/opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/models/V2HorizontalPodAutoscaler.java  
\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/StringUtil.java  
\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/models/V1PodFailurePolicy.java  
\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/models/V1PodTemplate.java  
\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/models/V1KeyToPath.java  
\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/models/V1ConfigMapEnvSource.java  
\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/apis/StorageV1beta1Api.java  
\*  
/opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-  
jar/io/kubernetes/client/openapi/models/V1EndpointSliceList.java  
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\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-jar/io/kubernetes/client/openapi/models/V1APIResourceList.java

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\* /opt/cola/permits/1627240813\_1680652285.1295514/0/client-java-api-18-0-0-sources-jar/io/kubernetes/client/openapi/models/V1beta1LimitResponse.java

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jar/io/kubernetes/client/common/KubernetesType.java
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## 1.434 client-java 18.0.0

### 1.434.1 Available under license :

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\* /opt/cola/permits/1627240891\_1681885684.1232157/0/client-java-18-0-0-sources-jar/io/kubernetes/client/util/credentials/UsernamePasswordAuthentication.java  
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\* /opt/cola/permits/1627240891\_1681885684.1232157/0/client-java-18-0-0-sources-jar/io/kubernetes/client/util/Threads.java  
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# 1.435 clockwork 0.4.0

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# 1.439 logr 1.2.4

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\* Bootstrap Table of Contents v0.4.1 (<http://afeld.github.io/bootstrap-toc/>)

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Found in path(s):

\* /opt/cola/permits/1640242423\_1681521633.1109512/0/dbosak01-logr-v1-2-4-0-g8c5ac86-tar-gz/dbosak01-logr-8c5ac86/docs/bootstrap-toc.css

\* /opt/cola/permits/1640242423\_1681521633.1109512/0/dbosak01-logr-v1-2-4-0-g8c5ac86-tar-gz/dbosak01-logr-8c5ac86/docs/bootstrap-toc.js

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Package: logr

Title: Creates Log Files

Version: 1.2.4

Authors@R:

```
person(given = "David",
 family = "Bosak",
 role = c("aut", "cre"),
 email = "dbosak01@gmail.com")
```

Description: Contains functions to help create log files. The package aims to overcome the difficulty of the base R sink() command. The log\_print() function will print to both the console and the file log, without interfering in other write operations.

License: CC0

Encoding: UTF-8

URL: <https://logr.r-sassy.org>

BugReports: <https://github.com/dbosak01/logr/issues>

Depends: R (>= 3.4.0)

Suggests: knitr,  
rmarkdown,  
testthat,  
tidylog,  
dplyr,  
utils

Imports: withr

VignetteBuilder: knitr

Roxygen: list(markdown = TRUE)

RoxygenNote: 7.1.1

Found in path(s):

\* /opt/cola/permits/1640242423\_1681521633.1109512/0/dbosak01-logr-v1-2-4-0-g8c5ac86-tar-gz/dbosak01-logr-8c5ac86/DESCRIPTION

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// Awesomeplete - Lea Verou - MIT license
```

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```

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## 1.450 bzip2 1.0.8-r5

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## 1.451 libunistring 1.1-r1

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```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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.

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 3.1, 31 March 2009

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| -----         | -----                          |
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## 1.453 yang-parser-api 1.2.3

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Found in path(s):

\* /opt/cola/permits/1644358289\_1681852411.9433901/0/yang-parser-api-1-2-3-sources-1-jar/META-INF/maven/org.opendaylight.yangtools/yang-parser-api/pom.xml

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\* /opt/cola/permits/1644358289\_1681852411.9433901/0/yang-parser-api-1-2-3-sources-1-

```
jar/org/opendaylight/yangtools/yang/model/parser/api/package-info.java
* /opt/cola/permits/1644358289_1681852411.9433901/0/yang-parser-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/parser/api/YangSyntaxErrorException.java
```

# 1.454 triemap 0.10.3

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```

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```
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/TNode.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/FailedNode.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/LNodeEntries.java
*
/opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/CNode.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/SNode.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/INode.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/Gen.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/LNode.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/AbstractKeySet.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/ImmutableTrieMap.java
```

\*  
/opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/MainNode.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/MutableKeySet.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/LNodeEntry.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/BasicNode.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/TrieMap.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/ImmutableKeySet.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/MutableTrieMap.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/Equivalence.java  
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\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/ImmutableEntrySet.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/LookupResult.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/MutableEntrySet.java  
\*  
/opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/Constants.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-jar/org/opendaylight/yangtools/triemap/AbstractEntrySet.java  
\* /opt/cola/permits/1644358919\_1681852436.415051/0/triemap-0-10-3-sources-1-



```
jar/org/opendaylight/yangtools/triemap/EntryNode.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/AbstractIterator.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/PresencePredicate.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/EntryUtil.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/SerializationProxy.java
*
/opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/MutableIterator.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/ImmutableIterator.java
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-
jar/org/opendaylight/yangtools/triemap/package-info.java
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```
* /opt/cola/permits/1644358919_1681852436.415051/0/triemap-0-10-3-sources-1-jar/META-
INF/maven/org.opendaylight.yangtools/triemap/pom.xml
```

## 1.455 yang-model-api 1.2.3

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\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/LeafListStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/DataDefinitionStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/PositionStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/meta/DeclaredStatement.java  
\*  
/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/TypeDefinitionAware.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/MetaGroup.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/api/YinDomSchemaSource.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/ContactStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/NotificationStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/LeafStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/YangModeledAnyXmlNode.java  
\*  
/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/RangeStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/ImportStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/ReferenceStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/PatternStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/meta/StatementDefinition.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/UsesStatement.java  
\*  
/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/OrderedByStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/meta/StatementSource.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/BitStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/repo/api/YangSchemaSourceRepresentation.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/YangStmtMapping.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/ValueStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/DocumentationGroup.java

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/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/RpcStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/YangVersionStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/LengthStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/ExtensionStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/PrefixStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/UnitsStatement.java

\*

/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/YinElementStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/RequireInstanceStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/SchemaNodeIdentifier.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/ArgumentStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/ConditionalFeature.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/meta/ModelStatement.java

\*

/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/AugmentStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/FeatureStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/ChoiceSchemaNode.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/SubmoduleStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/DefaultStatement.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/openspdx/yangtools/yang/model/api/stmt/TypeGroup.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-

jar/org/opendaylight/yangtools/yang/model/api/stmt/OutputStatement.java  
\*  
/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/meta/EffectiveStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/stmt/StatusStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/stmt/LinkageGroup.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/stmt/MultipleElementsGroup.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/stmt/MustStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/stmt/InputStatement.java  
\*  
/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/stmt/ErrorAppTagStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/stmt/FractionDigitsStatement.java  
\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/api/stmt/ConfigStatement.java  
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\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/DataDefinitionContainer.java

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/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/DocumentedConstraintGroup.java

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\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/api/stmt/PathStatement.java

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* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/package-info.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/NotificationDefinition.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/MustDefinition.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/type/StringTypeDefinition.java
*
/opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/Module.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/type/DecimalTypeDefinition.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/type/LengthConstraint.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/SchemaContext.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/ChoiceCaseNode.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/AugmentationTarget.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/ModuleImport.java
*
/opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/UsesNode.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/ModuleIdentifier.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/ConstraintDefinition.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/api/TypeDefinition.java
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\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org.opendaylight.yangtools/yang/model/api/DeviateKind.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org.opendaylight.yangtools/yang/model/api/NotificationNodeContainer.java

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/opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org.opendaylight.yangtools/yang/model/repo/api/RevisionSourceIdentifier.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org.opendaylight.yangtools/yang/model/api/DeviateDefinition.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org.opendaylight.yangtools/yang/model/api/UniqueConstraint.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-jar/org.opendaylight.yangtools/yang/model/repo/api/StatementParserMode.java

\* /opt/cola/permits/1644358481\_1681852416.018856/0/yang-model-api-1-2-3-sources-1-

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jar/org/opensight/yangtools/yang/model/api/stmt/AnydataStatement.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/repo/api/SemVerSourceIdentifier.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/OperationDefinition.java
*
/opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/type/ModifierKind.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/ActionDefinition.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/stmt/ActionStatement.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/TypedSchemaNode.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/stmt/NotificationStatementContainer.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/stmt/OperationGroup.java
*
/opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/stmt/ModifierStatement.java
* /opt/cola/permits/1644358481_1681852416.018856/0/yang-model-api-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/model/api/stmt/ActionStatementContainer.java

```

## 1.456 yang-data-util 1.2.3

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jar/org/opensight/yangtools/yang/data/util/ConstraintDefinitions.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opensight/yangtools/yang/data/util/EmptyConstraintDefinition.java

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\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/CaseNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/LeafListNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/ListEntryNodeDataWithSchema.java  
\*  
/opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/AnyXmlNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/ChoiceNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/ListNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/LeafNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/RpcAsContainer.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/SimpleNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/ContainerNodeDataWithSchema.java  
\*  
/opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/CompositeNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/ParserStreamUtils.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/LeafListEntryNodeDataWithSchema.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/util/YangModeledAnyXmlNodeDataWithSchema.java  
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\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/codec/TypeAwareCodec.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/codec/SharedCodecCache.java  
\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/codec/AbstractCodecFactory.java

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/opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/codec/NoopCodecCache.java

\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/codec/LazyCodecCache.java

\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/codec/PrecomputedCodecCache.java

\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/codec/CodecCache.java

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\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/UnkeyedListItemContextNode.java

\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org/.opendaylight/yangtools/yang/data/util/DataSchemaContextNode.java

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* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/AbstractLeafNodeContext.java
*
/opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/AugmentationContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/ContainerContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/AbstractMixinContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/AnyXmlContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/LeafListEntryContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
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jar/org/opendaylight/yangtools/yang/data/util/DataSchemaContextTree.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/ListItemContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/DataContainerContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/XpathStringParsingPathArgumentBuilder.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/OrderedMapMixinContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/OrderedLeafListMixinContextNode.java
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jar/org/opendaylight/yangtools/yang/data/util/ChoiceNodeContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/LeafInterner.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/LeafsetEntryInterner.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/UnorderedLeafListMixinContextNode.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
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\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-jar/org.opendaylight.yangtools.yang/data/util/AbstractStringUnionCodec.java

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\* /opt/cola/permits/1644358207\_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-



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jar/org/opendaylight/yangtools/yang/data/util/AbstractModuleStringInstanceIdentifierCodec.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/AbstractStringInstanceIdentifierCodec.java
* /opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/util/AbstractNamespaceCodec.java
*
/opt/cola/permits/1644358207_1681852429.6025877/0/yang-data-util-1-2-3-sources-1-
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## 1.457 object-cache-api 1.2.3

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* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-jar/META-INF/maven/org.opendaylight.yangtools/object-cache-api/pom.xml
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```

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\*/

Found in path(s):

```
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/objcache/impl/package-info.java
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/objcache/spi/package-info.java
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/objcache/impl/StaticObjectCacheBinder.java
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/objcache/ObjectCacheFactory.java
*
/opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/objcache/spi/AbstractObjectCache.java
```

```

* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/objcache/spi/NoopObjectCacheBinder.java
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/objcache/package-info.java
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/objcache/ObjectCache.java
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/objcache/spi/NoopObjectCache.java
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/objcache/spi/IObjectCacheFactory.java
* /opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/objcache/spi/AbstractObjectCacheBinder.java
*
/opt/cola/permits/1644358641_1681852421.7827666/0/object-cache-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/objcache/spi/ObjectCacheFactoryBinder.java

```

## 1.458 yang-model-util 1.2.3

### 1.458.1 Available under license :

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```

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*/

```

Found in path(s):

```

* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/AbstractBaseType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/RestrictedUnionType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/DerivedIdentityrefType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/InstanceIdentifierTypeBuilder.java
*
/opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/AbstractRestrictedTypeBuilder.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/UnresolvedNumber.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/BaseUint32Type.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/TypeDefinitions.java

```

```

* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/DerivedBooleanType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/RestrictedDecimalType.java
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/opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/AbstractIntegerBaseType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/StringTypeBuilder.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/BaseUInt8Type.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/BaseBinaryType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/ConcreteTypes.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/RestrictedBitsType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/AbstractRangeRestrictedType.java
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/opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/DecimalTypeBuilder.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/InvalidBitDefinitionException.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/RestrictedInstanceIdentifierType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/DerivedUnionType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/RestrictedIdentityrefType.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
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*
/opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
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* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
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* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
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* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
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* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/InvalidEnumDefinitionException.java
*
/opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/type/RangeRestrictedTypeBuilder.java

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\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/AbstractRangedBaseType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/AbstractDerivedType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/RestrictedTypes.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/DerivedTypeBuilder.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/BaseTypes.java

\*

/opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/DerivedTypes.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/DerivedUnsignedType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/InvalidLengthConstraintException.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/AbstractUnsignedBaseType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/EnumerationTypeBuilder.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/RestrictedUnsignedType.java

\*

/opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/DerivedIntegerType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/RestrictedEmptyType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/BaseBitsType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/BaseDecimalType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/EnumPairImpl.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/BaseInt32Type.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/AbstractLengthRestrictedType.java

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/opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/DerivedDecimalType.java

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\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/BaseIdentityrefType.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/IdentityrefTypeBuilder.java

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jar/org/opendaylight/yangtools/yang/model/util/type/BaseInt8Type.java  
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\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/util/type/BaseInstanceIdentifierType.java  
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jar/org/opendaylight/yangtools/yang/model/util/type/BaseInt64Type.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/util/type/BaseLeafrefType.java  
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jar/org/opendaylight/yangtools/yang/model/util/type/UnionTypeBuilder.java  
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jar/org/opendaylight/yangtools/yang/model/util/type/ConcreteTypeBuilder.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/util/type/NumberUtil.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/util/type/AbstractTypeDefinition.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight/yangtools/yang/model/util/type/BaseEnumerationType.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
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jar/org/opendaylight/yangtools/yang/model/util/type/DerivedBitsType.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-

jar/org/opendaylight.yangtools.yang/model/util/type/DerivedBinaryType.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight.yangtools.yang/model/util/type/RestrictedStringType.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight.yangtools.yang/model/util/type/BaseInt16Type.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight.yangtools.yang/model/util/type/RestrictedIntegerType.java  
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jar/org/opendaylight.yangtools.yang/model/util/type/JavaLengthConstraints.java  
\*  
/opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
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\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight.yangtools.yang/model/util/type/RestrictedBinaryType.java  
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\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight.yangtools.yang/model/util/type/BitBuilder.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight.yangtools.yang/model/util/type/BitImpl.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-  
jar/org/opendaylight.yangtools.yang/model/util/type/EnumPairBuilder.java  
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\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/META-  
INF/maven/org.opendaylight.yangtools.yang-model-util/pom.xml  
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\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/util/AbstractSchemaListenerRegistration.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/util/SchemaSourceTransformer.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/util/AbstractSchemaSourceRegistration.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/util/InMemorySchemaSourceCache.java  
\*

/opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/util/FilesystemSchemaSourceCache.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/util/AbstractSchemaSourceCache.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/SchemaNodeUtils.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/util/AbstractSchemaRepository.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/RangeConstraintImpl.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/PatternConstraintImpl.java  
\*

/opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/package-info.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/LengthConstraintImpl.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/repo/util/RefCountedRegistration.java  
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Found in path(s):

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/CompatUtils.java

\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/AbstractSchemaContext.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/FilteringSchemaContextProxy.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/EffectiveAugmentationSchema.java  
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Found in path(s):  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/SimpleSchemaContext.java  
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Found in path(s):  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/type/RequireInstanceRestrictedTypeBuilder.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/RegexUtils.java  
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Found in path(s):  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/model/util/ModuleDependencySort.java  
\* /opt/cola/permits/1644358802\_1681852427.578267/0/yang-model-util-1-2-3-sources-1-



```
jar/org/opendaylight/yangtools/yang/model/util/BaseConstraints.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/RevisionAwareXPathImpl.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/BaseTypes.java
*
/opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/SchemaContextUtil.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/DataNodeIterator.java
* /opt/cola/permits/1644358802_1681852427.578267/0/yang-model-util-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/model/util/ModuleIdentifierImpl.java
```

## 1.459 concepts 1.2.3

### 1.459.1 Available under license :

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*/
```

Found in path(s):

```
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/SemVer.java
```

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```

Found in path(s):

```
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/ProductAwareBuilder.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/ValueWrapper.java
```

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```
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```

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Found in path(s):

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/META-INF/maven/org.opendaylight.yangtools/concepts/pom.xml

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Found in path(s):

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/org.opendaylight.yangtools/concepts/WritableObject.java

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/org.opendaylight.yangtools/concepts/WritableIdentifier.java

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/org.opendaylight.yangtools/concepts/WritableObjects.java

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Found in path(s):

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/org.opendaylight.yangtools/concepts/Registration.java

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/org.opendaylight.yangtools/concepts/Serializer.java

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/org.opendaylight.yangtools/concepts/Codec.java

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/org.opendaylight.yangtools/concepts/Path.java

\* /opt/cola/permits/1644358243\_1681852432.635784/0/concepts-1-2-3-sources-1-jar/org.opendaylight.yangtools/concepts/AbstractObjectRegistration.java

```

*
/opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/Mutable.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/ListenerRegistration.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/Identifiable.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/Immutable.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/MutationBehaviour.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/AbstractRegistration.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/ClassBasedPropertyBuilder.java
*
/opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/Delegator.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/Deserializer.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/AbstractListenerRegistration.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/Builder.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/ObjectRegistration.java
* /opt/cola/permits/1644358243_1681852432.635784/0/concepts-1-2-3-sources-1-
jar/org/opendaylight/yangtools/concepts/Identifier.java

```

## 1.460 yang-common 1.2.3

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```

* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/SimpleDateFormatUtil.java
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/RpcError.java

```

```
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/RpcResult.java
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/QName.java
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/QNameModule.java
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* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/OperationFailedException.java
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/RpcResultBuilder.java
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```
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```

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```
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-jar/META-
INF/maven/org.opendaylight.yangtools/yang-common/pom.xml
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```
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/YangConstants.java
```

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* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/YangVersion.java
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/Revision.java
* /opt/cola/permits/1644358338_1681852414.1557477/0/yang-common-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/common/YangNames.java
```

## 1.461 yang-data-api 1.2.3

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```

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```
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeSnapshotCursor.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/CursorAwareDataTreeModification.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeCandidates.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/stream/ForwardingNormalizedNodeStreamWriter.java
*
/opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/PrefixConverters.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/MaterializedMutableContainerNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/NormalizedNodeDataTreeCandidateNode.java
```

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/TipProducingDataTree.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeCandidateNodes.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathDocument.java  
 \*  
 /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathResult.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathExpression.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathStringResult.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/stream/ForwardingNormalizedNodeStreamAttributeWriter.jav  
 a  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/LazyXPathExpression.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/package-info.java  
 \*  
 /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathSchemaContext.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathBooleanResult.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeTip.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/RelocatableXPathExpression.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/BackendFailedException.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/CursorAwareDataTreeSnapshot.java  
 \*  
 /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/LazyMutableContainerNode.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathNumberResult.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DefaultDataTreeCandidate.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/LazyContainerNode.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/tree/TreeType.java  
 \* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-  
 jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathNodesetResult.java  
 \*

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/opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeModificationCursor.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/XPathSchemaContextFactory.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/LazyXPathExpressionException.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/YangModeledAnyXmlNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeCandidateTip.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/xpath/OptimizableXPathExpression.java
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jar/org/opendaylight/yangtools/yang/data/api/schema/ValueNode.java
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INF/maven/org.opendaylight.yangtools/yang-data-api/pom.xml
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\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/AbstractModifiedContainerNode.java  
\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/SynchronizedDataTreeModification.java  
\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/codec/Uint8Codec.java



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jar/org/opendaylight/yangtools/yang/data/api/codec/Int64Codec.java
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jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/Version.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/MutableTreeNode.java
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jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/TreeNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
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jar/org/opendaylight/yangtools/yang/data/api/codec/EnumCodec.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/DataContainerChild.java
*
/opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTree.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
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* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/codec/LeafrefCodec.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/codec/DecimalCodec.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/AugmentationNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/MapNode.java
*
/opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/codec/StringCodec.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
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jar/org/opendaylight/yangtools/yang/data/api/schema/stream/NormalizedNodeStreamAttributeWriter.java
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jar/org/opendaylight/yangtools/yang/data/api/codec/Int16Codec.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/AbstractContainerNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/StoreTreeNode.java
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/opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/ContainerNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/ConflictingModificationAppliedException.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/ModifiedNodeDoesNotExistException.java

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\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/LeafSetNode.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/SimpleContainerNode.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/StoreTreeNodes.java

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/opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/codec/BooleanCodec.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/stream/NormalizedNodeStreamWriter.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/AnyXmlNode.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/MixinNode.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/NormalizedNodes.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeModification.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/codec/Int32Codec.java

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/opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/OrderedLeafSetNode.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/stream/NormalizedNodeWriter.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/NormalizedNode.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/codec/EmptyCodec.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/codec/Int8Codec.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/codec/UnionCodec.java

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/opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/IncorrectDataStructureException.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeSnapshot.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/ModificationType.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/AbstractTreeNode.java

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/opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/codec/Uint16Codec.java
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jar/org/opendaylight/yangtools/yang/data/api/schema/LeafNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeCandidateNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/AttributesContainer.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/ChoiceNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/spi/MaterializedContainerNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/codec/InstanceIdentifierCodec.java
*
/opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/codec/BinaryCodec.java
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jar/org/opendaylight/yangtools/yang/data/api/schema/UnkeyedListNode.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataValidationFailedException.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/codec/IdentityrefCodec.java
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jar/org/opendaylight/yangtools/yang/data/api/schema/tree/DataTreeFactory.java
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jar/org/opendaylight/yangtools/yang/data/api/schema/OrderedNodeContainer.java
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jar/org/opendaylight/yangtools/yang/data/api/YangInstanceIdentifier.java
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jar/org/opendaylight/yangtools/yang/data/api/schema/NormalizedNodeContainer.java
* /opt/cola/permits/1644358610_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/data/api/schema/DataContainerNode.java
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jar/org/openspdx/yangtools/yang/data/api/schema/OrderedMapNode.java

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jar/org/openspdx/yangtools/yang/data/api/schema/LeafSetEntryNode.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/schema/MapEntryNode.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/schema/UnkeyedListEntryNode.java

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jar/org/openspdx/yangtools/yang/data/api/YangInstanceIdentifierBuilder.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/StackedYangInstanceIdentifier.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/PathArgumentList.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/StackedPathArguments.java

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/opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/FixedYangInstanceIdentifier.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/schema/DuplicateEntry.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/StackedReversePathArguments.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/schema/DuplicateFinder.java

\* /opt/cola/permits/1644358610\_1681852417.7205906/0/yang-data-api-1-2-3-sources-1-

jar/org/openspdx/yangtools/yang/data/api/schema/stream/LoggingNormalizedNodeStreamWriter.java

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jar/org/opendaylight/yangtools/yang/data/api/schema/tree/EmptyDataTreeCandidateNode.java
```

# 1.462 yang-parser-impl 1.2.3

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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/stmt/rfc7950/TypeStatementRfc7950Support.java
```

```
* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
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```

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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/spi/meta/MutableStatement.java
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/opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/package-info.java
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/spi/source/ImplicitSubstatement.java
```

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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/spi/validation/package-info.java
```

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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/stmt/rfc7950/LeafrefSpecificationRfc7950Support.java
```

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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/spi/meta/package-info.java
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/opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/stmt/rfc7950/RpcStatementRfc7950Support.java
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
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jar/org/opendaylight/yangtools/yang/parser/stmt/rfc7950/IdentityrefSpecificationRfc7950Support.java  
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jar/org/opendaylight/yangtools/yang/parser/stmt/reactor/package-info.java  
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jar/org/opendaylight/yangtools/yang/parser/rfc6020/repo/YangStatementStreamSource.java  
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\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-  
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jar/org/opendaylight/yangtools/yang/parser/util/TextToASTTransformer.java

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\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/KeyStatementImpl.java

\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/stmt/reactor/VirtualNamespaceContext.java

\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/PatternStatementImpl.java

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\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/effective/PositionEffectiveStatementImpl.java

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\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/spi/source/DeclarationInTextSource.java

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\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/LengthStatementImpl.java

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\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/PresenceStatementImpl.java

\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/spi/source/BelongsToPrefixToModuleIdentifier.java

\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/stmt/reactor/SourceSpecificContext.java

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/opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/URIStringToImpPrefix.java

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\* /opt/cola/permits/1644358926\_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-jar/org/opendaylight/yangtools/yang/parser/spi/meta/StatementSupport.java



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jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/DeviateStatementImpl.java
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/spi/source/SupportedFeaturesNamespace.java
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jar/org/opendaylight/yangtools/yang/parser/stmt/reactor/StatementMap.java
* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/stmt/rfc7950/ContainerStatementRfc7950Support.java
* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/stmt/rfc7950/AugmentStatementRfc7950Support.java
* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/stmt/rfc7950/PatternStatementRfc7950Support.java
*
/opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
jar/org/opendaylight/yangtools/yang/parser/stmt/rfc7950/effective/ModifierEffectiveStatementImpl.java
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
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* /opt/cola/permits/1644358926_1681957455.4460907/0/yang-parser-impl-1-2-3-sources-1-
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jar/org/opendaylight/yangtools/yang/parser/stmt/rfc6020/effective/type/EnumEffectiveStatementImpl.java
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jar/org/opendaylight/yangtools/yang/data/impl/leafref/LeafRefContextBuilder.java  
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jar/org/opendaylight/yangtools/yang/data/impl/leafref/LeafRefContextTreeBuilder.java  
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jar/org/opendaylight/yangtools/yang/data/impl/leafref/LeafRefPathParserImpl.java

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jar/org/opendaylight/yangtools/yang/data/impl/codec/AbstractIntegerStringCodec.java
* /opt/cola/permits/1644358398_1681852419.648521/0/yang-data-impl-1-2-3-sources-1-
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## 1.464 util 1.2.3

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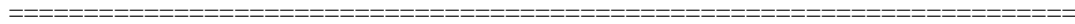
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Go support for Protocol Buffers - Google's data interchange format

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## 1.475 containerd 1.7.0

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogeralsing@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

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Changes:

- \* Renamed files from `civil*` to `localtime*`.
- \* Package changed from `civil` to `toml`.
- \* 'Local' prefix added to all structs.

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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```
* /opt/cola/permits/1657506237_1684232473.9945633/0/protobuf-java-3-22-2-jar/google/protobuf/empty.proto
* /opt/cola/permits/1657506237_1684232473.9945633/0/protobuf-java-3-22-2-jar/google/protobuf/any.proto
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## 1.478 libucontext 1.2-r2

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## 1.479 x-oauth2 0.7.0



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/\* c\_rehash.c - Create hash symlinks for certificates

\* C implementation based on the original Perl and shell versions

\*

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# 1.481 klauspost-compress 1.16.5

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-- \$Id: COPYING,v 1.12 2023/01/07 17:55:53 tom Exp \$  
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## 1.483 xz 5.4.3-r0

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=====

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```

Found in path(s):

```
* /opt/cola/permits/1670233294_1683702610.474139/0/netty-handler-proxy-4-1-92-final-sources-
jar/io/netty/handler/proxy/Socks5ProxyHandler.java
* /opt/cola/permits/1670233294_1683702610.474139/0/netty-handler-proxy-4-1-92-final-sources-
jar/io/netty/handler/proxy/HttpProxyHandler.java
*
```

```
/opt/cola/permits/1670233294_1683702610.474139/0/netty-handler-proxy-4-1-92-final-sources-
jar/io/netty/handler/proxy/ProxyConnectionEvent.java
* /opt/cola/permits/1670233294_1683702610.474139/0/netty-handler-proxy-4-1-92-final-sources-
jar/io/netty/handler/proxy/ProxyHandler.java
* /opt/cola/permits/1670233294_1683702610.474139/0/netty-handler-proxy-4-1-92-final-sources-
jar/io/netty/handler/proxy/ProxyConnectException.java
* /opt/cola/permits/1670233294_1683702610.474139/0/netty-handler-proxy-4-1-92-final-sources-
jar/io/netty/handler/proxy/package-info.java
* /opt/cola/permits/1670233294_1683702610.474139/0/netty-handler-proxy-4-1-92-final-sources-
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```
* /opt/cola/permits/1670233294_1683702610.474139/0/netty-handler-proxy-4-1-92-final-sources-jar/META-
INF/maven/io.netty/netty-handler-proxy/pom.xml
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Found in path(s):

- \* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/HttpContentEncoder.java
- \* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java
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\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfig.java  
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jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameDecoder.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
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jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/rtsp/RtspDecoder.java
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/opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/CombinedHttpHeaders.java
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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java
```

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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java
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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/cookie/CookieUtil.java
```

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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
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jar/io/netty/handler/codec/http/cookie/Cookie.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
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jar/io/netty/handler/codec/rtsp/RtspEncoder.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/cookie/DefaultCookie.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/HttpScheme.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/CookieUtil.java
*
/opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/EmptyHttpHeaders.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/cookie/package-info.java
* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/cookie/CookieDecoder.java
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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
```

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* /opt/cola/permits/1670233301_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-
jar/io/netty/handler/codec/http/HttpChunkedInput.java
```

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/opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/HttpHeaderNames.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandshaker.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java  
\*  
/opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderNames.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java  
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/opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/HttpMessageUtil.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtension.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.java  
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/opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionDecoder.java  
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\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-

jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.  
java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java  
\*  
/opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspHeaderValues.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/ServerCookieEncoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java  
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jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/HttpHeaderValues.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateDecoder.java  
\*  
/opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/HttpStatusClass.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/ClientCookieEncoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java  
\*  
/opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateDecoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/HttpHeadersEncoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketClientCompressionHandler.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java  
\* /opt/cola/permits/1670233301\_1683702647.6250553/0/netty-codec-http-4-1-92-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java

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* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
*
/opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
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* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/ProtocolDetectionResult.java
*
/opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
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jar/io/netty/handler/codec/EmptyHeaders.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/Headers.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/DefaultHeaders.java

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jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/Bzip2BitWriter.java  
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/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java

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/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Crc32.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java

\*

/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-

jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/MessageAggregationException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/Bzip2Rand.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/LzfDecoder.java  
\*  
/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/json/package-info.java  
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\*/  
/\*\*  
\* Enumeration of supported Base64 dialects.  
\* <p>  
\* The internal lookup tables in this class has been derived from  
\* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert  
Harder's Public Domain  
\* Base64 Encoder/Decoder</a>.  
\*/

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/base64/Base64Dialect.java  
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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/StandardCompressionOptions.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/GzipOptions.java  
\*  
/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/BrotliDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/BrotliOptions.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/Zstd.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZstdOptions.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/CompressionOptions.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/BrotliEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/Brotli.java  
\*  
/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZstdEncoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZstdConstants.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/DeflateOptions.java  
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jar/io/netty/handler/codec/compression/JdkZlibDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/Crc32c.java  
\*

/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/xml/XmlFrameDecoder.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/META-  
INF/maven/io.netty/netty-codec/pom.xml

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/Lz4XXHash32.java

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/\*\*

\* A decoder that splits the received {@link ByteBuf}s dynamically by the  
\* value of the length field in the message. It is particularly useful when you  
\* decode a binary message which has an integer header field that represents the  
\* length of the message body or the whole message.  
\*

<p>

\* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so  
\* that it can decode any message with a length field, which is often seen in  
\* proprietary client-server protocols. Here are some example that will give  
\* you the basic idea on which option does what.  
\*

\* <h3>2 bytes length field at offset 0, do not strip header</h3>

\*

\* The value of the length field in this example is <tt>12 (0x0C)</tt> which  
\* represents the length of "HELLO, WORLD". By default, the decoder assumes  
\* that the length field represents the number of the bytes that follows the

\* length field. Therefore, it can be decoded with the simplistic parameter combination.

\* <pre>

\* <b>lengthFieldOffset</b> = <b>0</b>

\* <b>lengthFieldLength</b> = <b>2</b>

\* lengthAdjustment = 0

\* initialBytesToStrip = 0 (= do not strip header)

\*

\* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)

\* +-----+-----+      +-----+-----+

\* | Length | Actual Content

|---->| Length | Actual Content |

\* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |

\* +-----+-----+      +-----+-----+

\* </pre>

\*

\* <h3>2 bytes length field at offset 0, strip header</h3>

\*

\* Because we can get the length of the content by calling

\* { @link ByteBuf#readableBytes() }, you might want to strip the length

\* field by specifying <tt>initialBytesToStrip</tt>. In this example, we

\* specified <tt>2</tt>, that is same with the length of the length field, to

\* strip the first two bytes.

\* <pre>

\* lengthFieldOffset = 0

\* lengthFieldLength = 2

\* lengthAdjustment = 0

\* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)

\*

\* BEFORE DECODE (14 bytes)      AFTER DECODE (12 bytes)

\* +-----+-----+      +-----+

\* | Length | Actual Content |---->| Actual Content |

\* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |

\* +-----+-----+      +-----+

\* </pre>

\*

\* <h3>2 bytes length field at offset 0, do not strip header, the length field

\* represents the length of the whole message</h3>

\*

\* In most cases, the length field represents the length of the message body

\* only, as shown in the previous examples. However, in some protocols, the

\* length field represents the length of the whole message, including the

\* message header. In such a case, we specify a non-zero

\* <tt>lengthAdjustment</tt>. Because the length value in this example message

\* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>

\* as <tt>lengthAdjustment</tt> for compensation.

\* <pre>

\* lengthFieldOffset = 0

```

* lengthFieldLength = 2
* lengthAdjustment = -2 (= the length of the Length field)
* initialBytesToStrip = 0
*
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | Length | Actual Content |---->| Length | Actual
Content |
* | 0x000E | "HELLO, WORLD" | | 0x000E | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* lengthFieldOffset = 2 (= the length of Header 1)
* lengthFieldLength = 3
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |
| 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* lengthAdjustment = 2 (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+ +-----+-----+-----+-----+
* | Length | Header 1 | Actual Content |---->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" | | 0x00000C | 0xCAFE | "HELLO,

```

WORLD" |

```
* +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

```
* </pre>
```

\*

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,

\* strip the first header field and the length field</h3>

\*

\* This is a combination of all the examples above. There are the prepended

\* header before the length field and the extra header after the length field.

\* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra

\* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero

\* <tt>initialBytesToStrip</tt> to strip the length field and the prepended

\* header from the frame. If you don't want to strip the prepended header, you

\* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.

```
* <pre>
```

```
* lengthFieldOffset = 1 (= the length of HDR1)
```

```
* lengthFieldLength = 2
```

```
* lengthAdjustment = 1 (= the length of HDR2)
```

```
* initialBytesToStrip = 3 (= the length of HDR1 +
LEN)
```

\*

```
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
```

```
* +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

```
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
```

```
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
```

```
* +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

```
* </pre>
```

\*

\* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,

\* strip the first header field and the length field, the length field

\* represents the length of the whole message</h3>

\*

\* Let's give another twist to the previous example. The only difference from

\* the previous example is that the length field represents the length of the

\* whole message instead of the message body, just like the third example.

\* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.

\* Please note that we don't need to take the length of HDR2 into account

\* because

the length field already includes the whole header length.

```
* <pre>
```

```
* lengthFieldOffset = 1
```

```
* lengthFieldLength = 2
```

```
* lengthAdjustment = -3 (= the length of HDR1 + LEN, negative)
```

```
* initialBytesToStrip = 3
```

\*

```
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
```

```
* +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
```

```
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
```

```
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+-----+-----+
* </pre>
* @see LengthFieldPrepender
*/
```

Found in path(s):

```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
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 */
/*
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 */
/**
 * Utility class for { @link ByteBuf } that encodes and decodes to and from
 * Base64 notation.
 * <p>
 * The encoding and decoding algorithm in this class has been derived from
 * http://iharder.sourceforge.net/current/java/base64/ Robert Harder's Public Domain
 * Base64 Encoder/Decoder.
 */
```

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```
* /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/DecoderResult.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java

\*

/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java

\*

/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/package-info.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-

jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/CodecException.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/TooLongFrameException.java  
 \*  
 /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/serialization/ClassResolvers.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/serialization/ObjectEncoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/MessageToMessageCodec.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/string/StringEncoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/PrematureChannelClosureException.java  
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 /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/compression/JdkZlibEncoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/compression/JZlibDecoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/compression/JZlibEncoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/serialization/SoftReferenceMap.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/CorruptedFrameException.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/MessageToMessageDecoder.java  
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 jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/MessageAggregator.java  
 \* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
 jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java



\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java

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/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/Snappy.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/compression/package-info.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/Delimiters.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/DecoderException.java

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/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java

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\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java

\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java

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jar/io/netty/handler/codec/MessageToByteEncoder.java  
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jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZlibWrapper.java  
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jar/io/netty/handler/codec/serialization/package-info.java  
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jar/io/netty/handler/codec/ByteToMessageCodec.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/EncoderException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java  
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/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/base64/Base64Decoder.java  
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jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java  
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jar/io/netty/handler/codec/serialization/CachingClassResolver.java  
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jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java  
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jar/io/netty/handler/codec/compression/CompressionException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/FixedLengthFrameDecoder.java  
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/opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/compression/ZlibUtil.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/string/package-info.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/UnsupportedMessageTypeException.java  
\* /opt/cola/permits/1670233124\_1683702446.9726822/0/netty-codec-4-1-92-final-sources-  
jar/io/netty/handler/codec/xml/package-info.java  
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jar/io/netty/handler/codec/string/LineEncoder.java
 * /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/CodecOutputList.java
 * /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/compression/CompressionUtil.java
 *
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jar/io/netty/handler/codec/DateFormatter.java
 * /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/string/LineSeparator.java
 * /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/DatagramPacketEncoder.java
 * /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/DatagramPacketDecoder.java
 * /opt/cola/permits/1670233124_1683702446.9726822/0/netty-codec-4-1-92-final-sources-
jar/io/netty/handler/codec/compression/ByteBufChecksum.java
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jar/io/netty/handler/codec/CharSequenceValueConverter.java

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jar/io/netty/handler/codec/DefaultHeadersImpl.java

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jar/io/netty/handler/codec/ValueConverter.java

# 1.487 netty-tcnative-classes 2.0.60.Final

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/opt/cola/permits/1670233266\_1683702569.0242143/0/netty-tcnative-classes-2-0-60-final-sources-jar/io/netty/internal/tcnative/AsyncSSLPrivateKeyMethodAdapter.java

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- \* /opt/cola/permits/1670233266\_1683702569.0242143/0/netty-tcnative-classes-2-0-60-final-sources-jar/io/netty/internal/tcnative/CertificateVerifier.java

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\* /opt/cola/permits/1670233266\_1683702569.0242143/0/netty-tcnative-classes-2-0-60-final-sources-jar/io/netty/internal/tcnative/SniHostNameMatcher.java

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\* /opt/cola/permits/1670233266\_1683702569.0242143/0/netty-tcnative-classes-2-0-60-final-sources-jar/io/netty/internal/tcnative/SSLSession.java

\* /opt/cola/permits/1670233266\_1683702569.0242143/0/netty-tcnative-classes-2-0-60-final-sources-jar/io/netty/internal/tcnative/SSLSessionCache.java

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*/
/**
 * Set the maximum number of bytes for the certificate chain during handshake.
 * See
 * SSL_CTX_set_max_cert_
list
 * for more details.
 * @param ctx context to use
 * @param size the maximum number of bytes
 */

Found in path(s):
* /opt/cola/permits/1670233266_1683702569.0242143/0/netty-tcnative-classes-2-0-60-final-sources-
jar/io/netty/internal/tcnative/SSLContext.java

```

## 1.488 netty-transport-native-unix-common

### 4.1.92.Final

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* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/IntegerUnixChannelOption.java
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/RawUnixChannelOption.java
*
```

```
/opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/GenericUnixChannelOption.java
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```
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/netty_unix.c
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/netty_unix.h
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/netty\_unix\_jni.h  
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java

\*

/opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/IovArray.java

\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/package-info.java

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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/SocketWritableByteChannel.java

\*

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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java

\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/netty\_unix\_util.h

\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/Limits.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/PeerCredentials.java  
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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainDatagramChannelConfig.java

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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java

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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/netty\_unix\_buffer.c  
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/opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/PreferredDirectByteBufferAllocator.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/netty\_unix\_buffer.h

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\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java  
\*

/opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/FileDescriptor.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/netty\_unix\_socket.c  
\* /opt/cola/permits/1670233245\_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java

```
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/UnixChannel.java
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/netty_unix_errors.c
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/DomainSocketAddress.java
*
/opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/ServerDomainSocketChannel.java
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/netty_unix_socket.h
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/netty_unix_filedescriptor.h
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
jar/io/netty/channel/unix/Socket.java
* /opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
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jar/io/netty/channel/unix/DomainSocketChannel.java
*
/opt/cola/permits/1670233245_1683702517.09824/0/netty-transport-native-unix-common-4-1-92-final-sources-
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\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/HostsFileParser.java

\*  
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\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java  
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\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/DefaultNameResolver.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/InetNameResolver.java

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\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/SimpleNameResolver.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/package-info.java  
\*  
/opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/AddressResolverGroup.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java  
\* /opt/cola/permits/1670233273\_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/NoopAddressResolver.java

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```
* /opt/cola/permits/1670233273_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/META-INF/maven/io.netty/netty-resolver/pom.xml
```

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Found in path(s):

```
* /opt/cola/permits/1670233273_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/HostsFileEntries.java
* /opt/cola/permits/1670233273_1683702629.4538295/0/netty-resolver-4-1-92-final-sources-jar/io/netty/resolver/ResolvedAddressTypes.java
```

# 1.490 netty-transport 4.1.92.Final

## 1.490.1 Available under license :

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```
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/pool/FixedChannelPool.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/pool/ChannelPoolMap.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
*
/opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/pool/ChannelPoolHandler.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/pool/package-info.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/pool/SimpleChannelPool.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
*
/opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/pool/ChannelPool.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
```

jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/pool/ChannelHealthChecker.java  
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```
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/group/ChannelGroup.java
*
/opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/DefaultChannelId.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ChannelId.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/AbstractEventLoopGroup.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/AddressedEnvelope.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/group/ChannelMatcher.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/group/ChannelGroupException.java
*
/opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ChannelHandlerAdapter.java
```

```

* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ChannelProgressivePromise.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/MessageSizeEstimator.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/bootstrap/ChannelFactory.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
*
/opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/DefaultMessageSizeEstimator.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/DefaultAddressedEnvelope.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ConnectTimeoutException.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
*
/opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/group/ChannelMatchers.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ChannelProgressiveFuture.java
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java

\*

/opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/AbstractEventLoop.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelFactory.java

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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/nio/NioChannelOption.java

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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ServerChannelRecvByteBufAllocator.java

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/\*\*

\* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in



```

* its { @link ChannelPipeline }.
*
* <h3>Sub-types</h3>
* <p>
* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its
subtypes:
*
* { @link
ChannelInboundHandler } to handle inbound I/O events, and
* { @link ChannelOutboundHandler } to handle outbound I/O operations.
*
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
*
* { @link ChannelInboundHandlerAdapter } to handle inbound I/O events,
* { @link ChannelOutboundHandlerAdapter } to handle outbound I/O operations, and
* { @link ChannelDuplexHandler } to handle both inbound and outbound events
*
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext }
* object. A { @link ChannelHandler } is supposed to interact with the
* { @link ChannelPipeline } it belongs to via a context object. Using the
* context object, the { @link ChannelHandler } can pass events upstream or
* downstream, modify the pipeline dynamically,
* or store the information
* (using { @link AttributeKey }s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A { @link ChannelHandler } often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
* // your methods here
* }
*
* public class DataServerHandler extends { @link SimpleChannelInboundHandler }<Message> {
*
* private boolean loggedIn;
*
* { @code @Override }

```

```

* public void channelRead0(@link ChannelHandlerContext ctx, Message message) {
* if (message instanceof LoginMessage) {
* authenticate((LoginMessage) message);
* loggedIn = true;
* } else if (message instanceof GetDataMessage) {
* if (loggedIn) {
* ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
* } else {
* fail();
* }
* }
* }
* }
* ...
* }
* </pre>

```

\* Because the handler instance has a state variable which is dedicated to
 \* one connection, you have to create a new handler instance for each new
 \* channel to avoid a race condition where an unauthenticated client can get
 \* the confidential information:

```

* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}<{@link Channel}> {
* {@code @Override}
* public void initChannel(@link Channel channel) {
* channel.pipeline().addLast("handler", new DataServerHandler());
* }
* }
* }
* </pre>

```

\* <h4>Using {@link AttributeKey}s</h4>

\* Although it's recommended to use member variables to store the state of a
 \* handler, for some reason you might not want to create many handler instances.
 \* In such a case, you can use {@link AttributeKey}s which is provided by
 \* {@link ChannelHandlerContext}:

```

* <pre>
* public interface Message {
* // your methods here
* }
* }
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}<Message> {
* private final {@link AttributeKey}<{@link Boolean}> auth =
* {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
* }

```

```

* { @code @Override }
* public void channelRead({ @link ChannelHandlerContext } ctx, Message message) {
* { @link Attribute } < < { @link Boolean } > >; attr = ctx.attr(auth);
* if (message instanceof LoginMessage) {
* authenticate((LoginMessage) o);
* attr.set(true);
* } else (message instanceof GetDataMessage) {
* if (Boolean.TRUE.equals(attr.get())) {
* ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
* } else {
* fail();
* }
* }
* }
* }
* ...
* }
* </pre>

```

Now that the state of the handler is attached to the { @link ChannelHandlerContext }, you can add the same handler instance to different pipelines:

```

* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer } < < { @link Channel } > > {
*
* private static final DataServerHandler SHARED = new DataServerHandler();
*
* { @code @Override }
* public void initChannel({ @link Channel } channel) {
* channel.pipeline().addLast("handler", SHARED);
* }
* }
* </pre>

```

<h4>The { @code @Sharable } annotation</h4>

<p>In the example above which used an { @link AttributeKey }, you might have noticed the { @code @Sharable } annotation.

<p>If a { @link ChannelHandler } is annotated with the { @code @Sharable } annotation, it means you can create an instance of the handler just once and add it to one or more { @link ChannelPipeline }s multiple times without a race condition.

<p>If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

<p>

\* This annotation is provided for documentation purpose, just like  
\* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.  
\*  
\* <h3>Additional resources worth reading</h3>  
\* <p>  
\* Please refer to the { @link ChannelHandler}, and  
\* { @link ChannelPipeline} to find out more about inbound and outbound operations,  
\* what fundamental differences they have, how they flow in a pipeline, and how to handle  
\* the operation in your application.  
\*/

Found in path(s):

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelHandler.java

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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/EventLoopTaskQueueFactory.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelHandlerMask.java

\*

/opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java

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jar/io/netty/channel/AbstractCoalescingBufferQueue.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/socket/nio/SelectorProviderUtil.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/DuplexChannelConfig.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/StacklessClosedChannelException.java  
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Found in path(s):

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/META-INF/maven/io.netty/netty-transport/pom.xml  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java

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/opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/bootstrap/FailedChannel.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/internal/package-info.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/PendingBytesTracker.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java

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/opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/internal/ChannelUtils.java

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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/EventLoop.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java

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/opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelFuture.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/AbstractServerChannel.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelMetadata.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java



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jar/io/netty/channel/AbstractChannel.java
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jar/io/netty/channel/ChannelInitializer.java
* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
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* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/ChannelException.java
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* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
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* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
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* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
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* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/channel/socket/nio/NioSocketChannel.java
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/embedded/package-info.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/DefaultChannelPipeline.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/local/LocalServerChannel.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java  
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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java  
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/opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-jar/io/netty/channel/socket/DatagramPacket.java  
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jar/io/netty/channel/ChannelPipeline.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/group/CombinedIterator.java  
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jar/io/netty/channel/ChannelInboundHandlerAdapter.java  
\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-  
jar/io/netty/channel/group/DefaultChannelGroupFuture.java  
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jar/io/netty/channel/FailedChannelFuture.java

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jar/io/netty/channel/Channel.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/oio/AbstractOioByteChannel.java

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\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/ChannelInboundInvoker.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/bootstrap/BootstrapConfig.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/DefaultSelectStrategyFactory.java

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/opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/WriteBufferWaterMark.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/group/VoidChannelGroupFuture.java

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jar/io/netty/bootstrap/ServerBootstrapConfig.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/DefaultSelectStrategy.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/SelectStrategy.java

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jar/io/netty/channel/SelectStrategyFactory.java

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jar/io/netty/channel/ChannelOutboundInvoker.java

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/opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/socket/DuplexChannel.java

\* /opt/cola/permits/1670233252\_1683702460.2155154/0/netty-transport-4-1-92-final-sources-

jar/io/netty/channel/PreferHeapByteBufAllocator.java

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* /opt/cola/permits/1670233252_1683702460.2155154/0/netty-transport-4-1-92-final-sources-
jar/io/netty/bootstrap/AbstractBootstrapConfig.java
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jar/io/netty/channel/DefaultChannelHandlerContext.java
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jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java

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jar/io/netty/handler/pcap/TCPpacket.java

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jar/io/netty/handler/pcap/PcapHeaders.java

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jar/io/netty/handler/pcap/PcapWriter.java

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jar/io/netty/handler/pcap/IPPacket.java

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jar/io/netty/handler/pcap/UDPPacket.java

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jar/io/netty/handler/pcap/package-info.java

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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslClientHelloHandler.java

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jar/io/netty/handler/ssl/SniCompletionEvent.java

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jar/io/netty/handler/ssl/JdkAlpnSslUtils.java

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jar/io/netty/handler/ssl/Conscrypt.java

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jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java

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jar/io/netty/handler/ssl/OpenSslEngineMap.java  
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jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java  
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jar/io/netty/handler/ipfilter/IpFilterRuleType.java  
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jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java  
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jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java  
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jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java  
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jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java

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Found in path(s):

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java

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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-

jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/PseudoRandomFunction.java  
\*  
/opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/address/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslMasterKeyHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/address/DynamicAddressConnectHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java  
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jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ipfilter/IpSubnetFilter.java  
\*  
/opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/logging/ByteBufFormat.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslClosedEngineException.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java  
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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java

\*

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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/stream/package-info.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java

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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/logging/package-info.java

\*

/opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/timeout/IdleState.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-

jar/io/netty/handler/timeout/TimeoutException.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/timeout/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/stream/ChunkedStream.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/logging/LoggingHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/timeout/ReadTimeoutException.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/timeout/IdleStateHandler.java  
\*  
/opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/util/package-info.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/stream/ChunkedNioStream.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/stream/ChunkedFile.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/NotSslRecordException.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/timeout/WriteTimeoutException.java

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jar/io/netty/handler/traffic/TrafficCounter.java  
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jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java  
\*



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\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/traffic/package-info.java  
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jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/BouncyCastlePemReader.java

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jar/io/netty/handler/ssl/Ciphers.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java

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/opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslProtocols.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslContextOption.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/AsyncRunnable.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslClientSessionCache.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslSessionId.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/BouncyCastle.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslContextOption.java

\*

/opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java

\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java

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jar/io/netty/handler/ssl/Java8SslUtils.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
*
/opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
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jar/io/netty/handler/flush/package-info.java
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jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
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jar/io/netty/handler/ssl/PemValue.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/PemX509Certificate.java
*
/opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/PemEncoded.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
jar/io/netty/handler/flush/FlushConsolidationHandler.java
* /opt/cola/permits/1670233238_1683702589.2249768/0/netty-handler-4-1-92-final-sources-
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jar/io/netty/handler/ssl/ApplicationProtocolNames.java  
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jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java  
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jar/io/netty/handler/ssl/ClientAuth.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/SslContextBuilder.java  
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jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java  
\* /opt/cola/permits/1670233238\_1683702589.2249768/0/netty-handler-4-1-92-final-sources-  
jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java  
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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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## 1.502 containerd-typeurl 2.1.1

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Gocheck - A rich testing framework for Go

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Support for streaming Protocol Buffer messages for the Go language (golang).

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## 1.504 x-net 0.10.0

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- javaee\_5.xsd

- javaee\_web\_services\_1\_2.xsd

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## 1.511 aop-alliance 2.6.1

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```
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document tree is shown below.\
\pard\pardefstab720\sl300\partightenfactor0

\f1\fs26 \cf2 <!--\
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\

-->

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-
v4_0_0.xsd">
```

```
<modelVersion>4.0.0</modelVersion>
```

```
<parent>
```

```
<groupId>org.glassfish.hk2</groupId>
```

```
<artifactId>external</artifactId>
```

```
<version>2.6.1</version>
```

```
</parent>
```

```
<groupId>org.glassfish.hk2.external</groupId>
```

```
<artifactId>aopalliance-repackaged</artifactId>
```

```
<name>
```

```
aopalliance version ${aopalliance.version} repackaged as a module
```

```
</name>
```

```
<build>
```

```
<plugins>
```

```
<plugin>
```

```
<groupId>org.apache.maven.plugins</groupId>
```

```
<artifactId>maven-dependency-plugin</artifactId>
```

```
<executions>
```

```
<execution>
```

```
<id>step1-unpack-sources</id>
```

```
<phase>process-sources</phase>
```

```
<goals>
```

```
<goal>unpack</goal>
```

```
</goals>
```

```
<configuration>
```

```
<artifactItems>
```

```
<artifactItem>
```

```
<groupId>aopalliance</groupId>
```

```
<artifactId>aopalliance</artifactId>
```

```
<version>${aopalliance.version}</version>
```

```
<classifier>sources</classifier>
```

```
<overwrite>>false</overwrite>
```

```
<outputDirectory>${project.build.directory}/alternateLocation</outputDirectory>
```

```

</artifactItem>\
</artifactItems>\
</configuration>\
</execution>\
</executions>\
</plugin>\
<plugin>\
<groupId>org.codehaus.mojo</groupId>\
<artifactId>build-helper-maven-plugin</artifactId>\
<executions>\
<execution>\
<id>step2-add-sources</id>\
<phase>process-sources</phase>\
<goals>\
<goal>add-source</goal>\
</goals>\
<configuration>\
<sources>\
<source>${project.build.directory}/alternateLocation</source>\
</sources>\
</configuration>\
</execution>\
</executions>\
</plugin>\
<plugin>\
<groupId>org.apache.felix</groupId>\
<artifactId>maven-bundle-plugin</artifactId>\
<configuration>\
<instructions>\
<Embed-Dependency>'a0*;scope=compile;inline=true'a0</Embed-Dependency>\
<!--\
We set a mandatory attribute for these packages, because we don't\
 want them to be visible to just anyone. An importer must specify\
 the mandatory attribute for it to be able to import. See \
 section #3.6.5 of OSGi R4 spec.\
 Why is this required?\
 See https://glassfish.dev.java.net/issues/show_bug.cgi?id=5385\
 By doing this, we allow user have any version of apache-commons lib\
 in their application class loader hierarchy. They don't even have to\
 set delegation=false in sun-web.xml! This is the true advantage of\
 using OSGi.
Sahoo.\
 \
-->\
<Export-Package>org.aopalliance.*;version=${aopalliance.version}</Export-Package>\
<Private-Package>!*</Private-Package>\
</instructions>\
</configuration>\

```

```

<executions>\
<execution>\
<id>osgi-manifest</id>\
<phase>process-classes</phase>\
<goals>\
<goal>manifest</goal>\
</goals>\
</execution>\
</executions>\
</plugin>\
</plugins>\
</build>\
<dependencies>\
<dependency>\
<groupId>aopalliance</groupId>\
<artifactId>aopalliance</artifactId>\
<version>${aopalliance.version}</version>\
<optional>true</optional>\
</dependency>\
</dependencies>\
</project>\
}

```

Found in path(s):

\* /opt/cola/permits/1688041658\_1684928894.4895442/0/aopalliance-2-6-1-zip/aopalliance-2.6.1.rtf

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Found in path(s):

\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Function.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/CharSequence.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Iterator.kt  
\*  
/opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Any.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/annotation/Annotations.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/reflect/KDeclarationContainer.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Comparable.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Nothing.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Number.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Boolean.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Throwable.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/Unit.kt  
\* /opt/cola/permits/1690021181\_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-jar/kotlin/reflect/KParameter.kt  
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* /opt/cola/permits/1690021181_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-
jar/jdk8/kotlin/collections/Collections.kt
* /opt/cola/permits/1690021181_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-
jar/jdk8/kotlin/text/RegexExtensions.kt
* /opt/cola/permits/1690021181_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-
jar/jdk8/kotlin/streams/Streams.kt
*
/opt/cola/permits/1690021181_1685119094.4163632/0/kotlin-stdlib-1-8-21-sources-
jar/jdk8/kotlin/internal/jdk8/JDK8PlatformImplementations.kt

```

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/opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/security/TsmSecurityStateReference.java

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```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
 <modelVersion>4.0.0</modelVersion>
 <groupId>org.snmp4j</groupId>
 <artifactId>snmp4j</artifactId>
 <packaging>jar</packaging>
 <version>2.8.18</version>
 <properties>
 <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
 <project.build.resourceEncoding>UTF-8</project.build.resourceEncoding>
 <maven.compiler.source>8</maven.compiler.source>
 <maven.compiler.target>8</maven.compiler.target>
 <maven.compiler.release>8</maven.compiler.release>
```

```

</properties>
<name>SNMP4J</name>
<description>SNMP API for Java</description>
<url>https://www.snmp4j.org</url>
<developers>
 <developer>
 <name>Frank Fock</name>

<email>fock@agentpp.com</email>
 <organization>AGENTPP</organization>
 <organizationUrl>https://agentpp.com</organizationUrl>
 </developer>
</developers>
<scm>
<url>scm:git:git@snmp.app:snmp4j.git</url>
 <developerConnection>scm:git:git@snmp.app:snmp4j.git</developerConnection>
</scm>
<licenses>
 <license>
 <name>Apache 2</name>
 <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
 <distribution>repo</distribution>
 </license>
</licenses>
<organization>
 <name>SNMP4J.org</name>
 <url>https://www.snmp4j.org</url>
</organization>
<profiles>
 <profile>
 <id>default</id>
 <distributionManagement>
 <downloadUrl>https://snmp.app/dist</downloadUrl>
 <repository>
 <uniqueVersion>>false</uniqueVersion>
 <id>oosnmpRepo</id>
 <name>snmp.app Repository</name>
 <url>dav:https://snmp.app/dist/release</url>
 <layout>default</layout>
 </repository>
 <snapshotRepository>
 <uniqueVersion>>false</uniqueVersion>
 <id>oosnmpRepo</id>
 <name>snmp.app Snapshots</name>
 <url>dav:https://snmp.app/dist/snapshot</url>
 <layout>default</layout>
 </snapshotRepository>
 </distributionManagement>

```

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<build>
 <plugins>
 <plugin>
 <artifactId>maven-assembly-plugin</artifactId>
 <version>3.4.2</version>
 <configuration>
 <descriptors>
 <descriptor>assembly.xml</descriptor>
 </descriptors>
 </configuration>
 <executions>

 <execution>
 <id>make-assembly</id>
 <phase>package</phase>
 <goals>
 <goal>single</goal>
 </goals>
 </execution>
 </executions>
 </plugin>
 </plugins>
</build>
</profile>
<profile>
 <id>osrh</id>
 <distributionManagement>
 <snapshotRepository>
 <id>osrh</id>
 <url>https://oss.sonatype.org/content/repositories/snapshots</url>
 </snapshotRepository>
 <repository>
 <id>osrh</id>
 <url>https://oss.sonatype.org/service/local/staging/deploy/maven2</url>
 </repository>
 </distributionManagement>
 <build>
 <plugins>
 <plugin>
 <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-gpg-plugin</artifactId>
 <version>1.6</version>
 <executions>
 <execution>
 <id>sign-artifacts</id>
 <phase>verify</phase>
 <goals>
 <goal>sign</goal>
 </goals>
 </execution>
 </executions>
 </plugin>
 </plugins>
 </build>
</profile>

```

```

 </goals>
 </execution>
</executions>
<configuration>
 <keyname>${ gpg.keyname }</keyname>
 <passphraseServerId>${ gpg.keyname }</passphraseServerId>
 <gpgArguments>
 <arg>--pinentry-mode</arg>
 <arg>loopback</arg>
 </gpgArguments>
</configuration>
</plugin>
<plugin>
 <groupId>org.sonatype.plugins</groupId>
 <artifactId>nexus-staging-maven-plugin</artifactId>
 <version>1.6.13</version>
 <extensions>>true</extensions>
 <configuration>
 <serverId>ossrh</serverId>
 <nexusUrl>https://oss.sonatype.org/</nexusUrl>
 <autoReleaseAfterClose>>true</autoReleaseAfterClose>
 </configuration>
</plugin>
</plugins>
</build>
</profile>
</profiles>
<dependencies>
 <dependency>
 <groupId>junit</groupId>
 <artifactId>junit</artifactId>
 <version>4.13.1</version>
 <scope>test</scope>
 </dependency>
</dependencies>
<build>
 <outputDirectory>classes</outputDirectory>
 <extensions>
 <extension>
 <groupId>org.apache.maven.wagon</groupId>
 <artifactId>wagon-webdav-jackrabbit</artifactId>
 <version>3.5.1</version>
 </extension>
 </extensions>
 <plugins>
 <plugin>
 <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-help-plugin</artifactId>

```



```

 <version>3.3.0</version>
 </plugin>
 <plugin>
 <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-jar-plugin</artifactId>
 <version>3.3.0</version>
 <configuration>
 <excludes>
 <exclude>classes-test/**</exclude>
 </excludes>
 </configuration>
 </plugin>
 <plugin>
 <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-source-plugin</artifactId>
 <version>3.2.1</version>
 <configuration>
 <excludes>
 <exclude>src/test/**</exclude>
 </excludes>
 </configuration>
 <executions>
 <execution>
 <id>attach-sources</id>
 <phase>verify</phase>
 <goals>
 <goal>jar-no-fork</goal>
 </goals>
 </execution>
 </executions>
 </plugin>
 <plugin>
 <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-javadoc-plugin</artifactId>
 <version>3.4.1</version>
 <executions>
 <execution>
 <id>attach-javadocs</id>
 <goals>
 <goal>jar</goal>
 </goals>
 </execution>
 </executions>
 <configuration>
 <stylesheet>java</stylesheet>
 <stylesheetfile>${basedir}/src/main/javadoc/stylesheet.css</stylesheetfile>
 <doctitle>${project.name} ${project.version}</doctitle>
 </configuration>
 </plugin>

```

```

<footer>Copyright 2005-2023 Frank Fock (SNMP4J.org)</footer>
<windowtitle>${project.name} ${project.version}</windowtitle>
<excludePackageNames>org.snmp4j.test:org.snmp4j.test.tools.console</excludePackageNames>
<show>protected</show>
<version />
<author />
<encoding>UTF-8</encoding>
</configuration>
</plugin>
<plugin>
 <artifactId>maven-compiler-plugin</artifactId>
 <version>3.10.1</version>
 <configuration>

 <source>8</source>
 <target>8</target>
 <release>8</release>
 <encoding>UTF-8</encoding>
 </configuration>
</plugin>
</plugins>
</build>
</project>

```

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\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/META-INF/maven/org.snmp4j/snmp4j/pom.xml

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jar/org/snmp4j/security/SNMPv3SecurityModel.java
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```
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/asn1/package.html
*
/opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/util/package.html
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/mp/package.html
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
jar/org/snmp4j/security/package.html
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/event/package.html
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/smi/package.html
```

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```
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*
```

```
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\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/event/UsmUserEvent.java

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\_##

\_## SNMP4J - AuthHMAC192SHA256.java

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```
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
jar/org/snmp4j/event/UsmUserListener.java
```

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\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/smi/ReadonlyVariableCallback.java

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```
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/opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
jar/org/snmp4j/security/nonstandard/PrivAES256With3DESKeyExtension.java
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jar/org/snmp4j/transport/UnsupportedAddressClassException.java
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* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
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*
/opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
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jar/org/snmp4j/transport/AbstractTransportMapping.java
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*
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jar/org/snmp4j/TransportStateReference.java

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\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-

jar/org/snmp4j/CertifiedTarget.java

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```
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
jar/org/snmp4j/transport/ssh/SshTransportAdapter.java
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_## limitations under the License.
_##
_#####*/
```

Found in path(s):

```
*
/opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
jar/org/snmp4j/security/nonstandard/PrivAESWith3DESKeyExtension.java
```

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

```
/*_#####
_##
_## SNMP4J - TimedMessageID.java
_##
_## Copyright (C) 2003-2020 Frank Fock (SNMP4J.org)
_##
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_## limitations under the License.
_##
_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
```

jar/org/snmp4j/mp/TimedMessageID.java

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

```
/*_#####
_##
_## SNMP4J - AuthMD5.java
_##
_## Copyright (C) 2003-2020 Frank Fock and Jochen Katz (SNMP4J.org)
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_##
_#####*/
```

Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/security/AuthMD5.java

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

```
/*_#####
_##
_## SNMP4J - DefaultTlsTmSecurityCallback.java
_##
_## Copyright (C) 2003-2020 Frank Fock (SNMP4J.org)
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_##
_#####*/
```



Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/transport/tls/DefaultTlsTmSecurityCallback.java

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

```
/*_#####
_##
_## SNMP4J - MPv3.java
_##
_## Copyright (C) 2003-2020 Frank Fock (SNMP4J.org)
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_##
_#####*/
```

Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/mp/MPv3.java

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```
/*_#####
_##
_## SNMP4J - JavaLogFactory.java
_##
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_##
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_## WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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_## limitations under the License.
_##
_#####*/
```

Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/log/JavaLogFactory.java

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

```
/*_#####
_##
_## SNMP4J - Target.java
_##
_## Copyright (C) 2003-2020 Frank Fock (SNMP4J.org)
_##
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_## 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.
_##
_#####*/
```

Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/Target.java

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

```
/*_#####
_##
_## SNMP4J - GenericAddress.java
_##
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_## 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.
_##
```

#####\*/

Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/smi/GenericAddress.java

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```
/*#####*/
_##
_## SNMP4J - DummyTransport.java
_##
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_##
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```

Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/transport/DummyTransport.java

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```
/*#####*/
_##
_## SNMP4J - SecurityNameMapping.java
_##
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```
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_##
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
jar/org/snmp4j/transport/tls/SecurityNameMapping.java
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```

```
/*_#####
_##
_## SNMP4J - X509TlsTransportMappingConfig.java
_##
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_## limitations under the License.
_##
_#####*/
```

Found in path(s):

```
*/opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
jar/org/snmp4j/transport/tls/X509TlsTransportMappingConfig.java
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```

```
/*_#####
_##
_## SNMP4J - TableUtils.java
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_#####*/
```

Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/util/TableUtils.java  
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```
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_##
_## SNMP4J - JavaLogAdapter.java
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_#####*/
```

Found in path(s):

\* /opt/cola/permits/1690021172\_1684979986.6327674/0/snmp4j-2-8-18-sources-jar/org/snmp4j/log/JavaLogAdapter.java  
No license file was found, but licenses were detected in source scan.

```
/*_#####
_##
_## SNMP4J - AssignableFromString.java
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_#####*/
```

Found in path(s):

```
* /opt/cola/permits/1690021172_1684979986.6327674/0/snmp4j-2-8-18-sources-
jar/org/snmp4j/smi/AssignableFromString.java
```

## 1.522 feign-hc5 12.3

### 1.522.1 Available under license :

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Found in path(s):

```
* /opt/cola/permits/1690024259_1684980138.7978048/0/feign-hc5-12-3-sources-jar/META-
INF/maven/io.github.openfeign/feign-hc5/pom.xml
```

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Found in path(s):

\* /opt/cola/permits/1690024259\_1684980138.7978048/0/feign-hc5-12-3-sources-jar/feign/hc5/AsyncApacheHttpClient.java  
\* /opt/cola/permits/1690024259\_1684980138.7978048/0/feign-hc5-12-3-sources-jar/feign/hc5/HttpClient.java

## 1.523 feign-core 12.3

### 1.523.1 Available under license :

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Manifest-Version: 1.0  
Created-By: Apache Maven Bundle Plugin 5.1.8  
Build-Jdk-Spec: 17  
Bnd-LastModified: 1680808376199  
Bundle-Description: Feign Core  
Bundle-DocURL: <https://github.com/openfeign>  
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>  
Bundle-ManifestVersion: 2  
Bundle-Name: Feign Core  
Bundle-SymbolicName: io.github.openfeign.feign-core  
Bundle-Vendor: OpenFeign  
Bundle-Version: 12.3.0  
Export-Package: feign;uses:="feign.codec,feign.querymap,javax.net.ssl";version="12.3.0",feign.codec;uses:="feign;version="12.3.0",feign.template;uses:="feign;version="12.3.0",feign.auth;uses:="feign;version="12.3.0",feign.stream;uses:="feign,feign.codec";version="12.3.0",feign.optionals;uses:="feign,feign.codec";version="12.3.0",feign.utils;version="12.3.0",feign.querymap;uses:="feign,feign.codec";version="12.3.0"  
Import-Package: feign,feign.codec,feign.querymap,feign.template,javax.net.ssl  
Require-Capability:  
osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"  
Tool: Bnd-6.3.1.202206071316

Found in path(s):

\* /opt/cola/permits/1690024221\_1684980140.369521/0/feign-core-12-3-jar/META-INF/MANIFEST.MF  
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Found in path(s):

\* /opt/cola/permits/1690024221\_1684980140.369521/0/feign-core-12-3-jar/META-INF/maven/io.github.openfeign/feign-core/pom.xml

## 1.524 feign-jackson 12.3

### 1.524.1 Available under license :

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Manifest-Version: 1.0

Created-By: Apache Maven Bundle Plugin 5.1.8

Build-Jdk-Spec: 17

Bnd-LastModified: 1680808433057

Bundle-Description: Feign Jackson

Bundle-DocURL: <https://github.com/openfeign>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: Feign Jackson

Bundle-SymbolicName: io.github.openfeign.feign-jackson

Bundle-Vendor: OpenFeign

Bundle-Version: 12.3.0

Export-Package: feign.jackson;uses:="com.fasterxml.jackson.databind,feign,feign.codec";version="12.3.0"

Import-Package: com.fasterxml.jackson.annotation;version="[2.14,3)",com.fasterxml.jackson.core;version="[2.14,3)",com.fasterxml.jackson.databind;version="[2.14,3)",com.fasterxml.jackson.databind.type;version="[2.14,3)",feign;version="[12.3,13)",feign.codec;version="[12.3,13)"

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

\* /opt/cola/permits/1690024273\_1684980161.4105906/0/feign-jackson-12-3-jar/META-INF/MANIFEST.MF



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Found in path(s):

\* /opt/cola/permits/1690024273\_1684980161.4105906/0/feign-jackson-12-3-jar/META-INF/maven/io.github.openfeign/feign-jackson/pom.xml

## 1.525 feign-slf4j 12.3

### 1.525.1 Available under license :

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Manifest-Version: 1.0

Created-By: Apache Maven Bundle Plugin 5.1.8

Build-Jdk-Spec: 17

Bnd-LastModified: 1680808501910

Bundle-Description: Feign SLF4J

Bundle-DocURL: <https://github.com/openfeign>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: Feign SLF4J

Bundle-SymbolicName: io.github.openfeign.feign-slf4j

Bundle-Vendor: OpenFeign

Bundle-Version: 12.3.0

Export-Package: feign.slf4j;uses:="feign,org.slf4j";version="12.3.0"

Import-Package: feign;version="[12.3,13)",org.slf4j;version="[2.0,3)"

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

\* /opt/cola/permits/1690024301\_1684980163.5708477/0/feign-slf4j-12-3-jar/META-INF/MANIFEST.MF

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Found in path(s):

\* /opt/cola/permits/1690024301\_1684980163.5708477/0/feign-slf4j-12-3-jar/META-INF/maven/io.github.openfeign/feign-slf4j/pom.xml

## 1.526 feign-okhttp 12.3

### 1.526.1 Available under license :

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Manifest-Version: 1.0

Created-By: Apache Maven Bundle Plugin 5.1.8

Build-Jdk-Spec: 17

Bnd-LastModified: 1680808480214

Bundle-Description: Feign OkHttp

Bundle-DocURL: <https://github.com/openfeign>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: Feign OkHttp

Bundle-SymbolicName: io.github.openfeign.feign-okhttp

Bundle-Vendor: OpenFeign

Bundle-Version: 12.3.0

Export-Package: feign.okhttp;uses:="feign,okhttp3";version="12.3.0"

Import-Package: feign;version="[12.3,13)",okhttp3

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

\* /opt/cola/permits/1690024286\_1684980159.1600177/0/feign-okhttp-12-3-jar/META-INF/MANIFEST.MF

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Found in path(s):

\* /opt/cola/permits/1690024286\_1684980159.1600177/0/feign-okhttp-12-3-jar/META-INF/maven/io.github.openfeign/feign-okhttp/pom.xml

# 1.527 feign-mock 12.3

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Found in path(s):

\* /opt/cola/permits/1690024248\_1684980167.0033355/0/feign-mock-12-3-jar/META-

INF/maven/io.github.openfeign/feign-mock/pom.xml  
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0  
Created-By: Apache Maven Bundle Plugin 5.1.8  
Build-Jdk-Spec: 17  
Bnd-LastModified: 1680808468588  
Bundle-Description: Feign Mock  
Bundle-DocURL: <https://github.com/openfeign>  
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>  
Bundle-ManifestVersion: 2  
Bundle-Name: Feign Mock  
Bundle-SymbolicName: io.github.openfeign.feign-mock  
Bundle-Vendor: OpenFeign  
Bundle-Version: 12.3.0  
Export-Package: feign.mock;uses:=feign;version="12.3.0"  
Import-Package: feign;version="[12.3,13)"  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"  
Tool: Bnd-6.3.1.202206071316

Found in path(s):

\* /opt/cola/permits/1690024248\_1684980167.0033355/0/feign-mock-12-3-jar/META-INF/MANIFEST.MF

# 1.528 jackson-xc 2.14.3

## 1.528.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

## Licensing

Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<http://fasterxml.com>).

## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

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# 1.529 prometheus-common 0.44.0

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# 1.530 bash 5.2.15-r5

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```
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
jar/com/google/j2objc/annotations/OnDealloc.java
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
jar/com/google/j2objc/annotations/J2ObjCIncompatible.java
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
jar/com/google/j2objc/annotations/LoopTranslation.java
*
 /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
jar/com/google/j2objc/annotations/RetainedLocalRef.java
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
jar/com/google/j2objc/annotations/ReflectionSupport.java
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
jar/com/google/j2objc/annotations/Property.java
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
jar/com/google/j2objc/annotations/WeakOuter.java
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
jar/com/google/j2objc/annotations/RetainedWith.java
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-
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- \* /opt/cola/permits/1704412778\_1685746927.655543/0/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/Weak.java
- \* /opt/cola/permits/1704412778\_1685746927.655543/0/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/AutoreleasePool.java

## 1.532 jackson-module-paranamer 2.15.1

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Ada Worcester  
Alex Dowad  
Alex Suykov  
Alexander Monakov  
Andre McCurdy  
Andrew Kelley  
Anthony G. Basile  
Aric Belsito  
Arvid Picciani  
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Boris Brezillon  
Brent Cook  
Chris Spiegel  
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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

Files: \*

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```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/internal/logging/FormattingTuple.java
```

```
*
```

```
*/opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/internal/logging/MessageFormatter.java
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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/CleanerJava6.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/FastThreadLocalThread.java  
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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/Hidden.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/svm/PlatformDependent0Substitution.java  
\*  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/svm/PlatformDependentSubstitution.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/svm/package-info.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/svm/UnsafeRefArrayAccessSubstitution.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/ThreadExecutorMap.java

```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/internal/ObjectPool.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/internal/svm/CleanerJava6Substitution.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/internal/ReferenceCountUpdater.java
```

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```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/ByteObjectMap.java
```

```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/CharObjectHashMap.java
```

```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/ByteObjectHashMap.java
```

```
*
```

```
/opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/IntObjectMap.java
```

```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/IntObjectHashMap.java
```

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* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/LongObjectMap.java
```

```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/CharObjectMap.java
```

```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/ShortObjectMap.java
```

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* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/collection/ShortCollections.java
```

```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/internal/ObjectUtil.java
```

```
*
```



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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/collection/ByteCollections.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/collection/ShortObjectHashMap.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/collection/LongObjectHashMap.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/collection/CharCollections.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/collection/LongCollections.java  
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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/MathUtil.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/ByteProcessor.java  
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```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
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```

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```

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```

```
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```

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<packaging>bundle</packaging>
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 </instructions>
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 <configuration>
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 <additionalOption>-Xdoclint:none</additionalOption>
 </additionalOptions>
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 </configuration>
 <executions>

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 </goals>
</execution>
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</plugin>
</plugins>
</build>

<distributionManagement>
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 <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
 </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
 <license>
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License, Version 2.0</name>
 <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
 <distribution>repo</distribution>
 </license>
</licenses>

<scm>
 <url>https://github.com/JCTools/JCTools</url>
 <connection>scm:git:https://github.com/JCTools/JCTools</connection>
 <tag>HEAD</tag>
</scm>

<developers>
 <developer>
 <url>https://github.com/nitsanw</url>
 </developer>
 <developer>
 <url>https://github.com/mjpt777</url>
 </developer>
 <developer>
 <url>https://github.com/RichardWarburton</url>
 </developer>
 <developer>

```

```

<url>https://github.com/kay</url>
</developer>
<developer>
 <url>https://github.com/franz1981</url>
</developer>
</developers>

<prerequisites>
<maven>3.5.0</maven>
</prerequisites>

<properties>
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<java.version>1.6</java.version>
<java.test.version>1.8</java.test.version>

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<maven.compiler.target>${java.version}</maven.compiler.target>
<maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
<maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

<hamcrest.version>1.3</hamcrest.version>
<junit.version>4.12</junit.version>
<guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>

```

#### Found

in path(s):

```
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
```

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```

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Found in path(s):

\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/META-INF/maven/io.netty/netty-common/pom.xml

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io.netty.util.internal.Hidden\$NettyBlockHoundIntegration

Found in path(s):

\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/META-INF/services/reactor.blockhound.integration.BlockHoundIntegration

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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/ClassInitializerUtil.java

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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/ResourcesUtil.java

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- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/NativeLibraryUtil.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/RejectedExecutionHandler.java
- \*
- /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/PromiseNotificationUtil.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/SocketUtils.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/MacAddressUtil.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/UnaryPromiseNotifier.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/EventExecutorChooserFactory.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/PromiseCombiner.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/ThrowableUtil.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/ConstantTimeUtils.java
- \*
- /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/UnstableApi.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/ResourceLeakDetectorFactory.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/ResourceLeakTracker.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/OrderedEventExecutor.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/logging/Log4J2Logger.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/logging/Log4J2LoggerFactory.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/IntSupplier.java
- \*
- /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/RejectedExecutionHandlers.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/UnorderedThreadPoolEventExecutor.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/DefaultEventExecutorChooserFactory.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/BooleanSupplier.java
- \* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/DomainNameMappingBuilder.java



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* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/concurrent/NonStickyEventExecutorGroup.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/internal/OutOfDirectMemoryError.java
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/opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/shaded/org/jctools/queues/MPMCArrayQueue.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/shaded/org/jctools/queues/SupportsIterator.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/shaded/org/jctools/queues/MPMCUnboundedXaddArrayQueue.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashMap.java

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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/NetUtilSubstitutions.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/DomainWildcardMappingBuilder.java

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jar/io/netty/util/internal/TypeParameterMatcher.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/internal/NoOpTypeParameterMatcher.java
*
/opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/concurrent/Promise.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/ResourceLeakException.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/concurrent/ScheduledFuture.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/concurrent/AbstractEventExecutorGroup.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/ReferenceCounted.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/concurrent/CompleteFuture.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/AbstractReferenceCounted.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/concurrent/ScheduledFutureTask.java
*
/opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/concurrent/DefaultFutureListeners.java
* /opt/cola/permits/1717961353_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-
jar/io/netty/util/concurrent/ThreadPerTaskExecutor.java
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jar/io/netty/util/internal/ConcurrentSet.java
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jar/io/netty/util/internal/PlatformDependent0.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/concurrent/DefaultProgressivePromise.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/concurrent/GenericFutureListener.java  
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jar/io/netty/util/concurrent/AbstractEventExecutor.java  
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jar/io/netty/util/ResourceLeak.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/concurrent/GenericProgressiveFutureListener.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/concurrent/ProgressivePromise.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/concurrent/PromiseTask.java  
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jar/io/netty/util/ConstantPool.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/ReferenceCountUtil.java  
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jar/io/netty/util/concurrent/ProgressiveFuture.java  
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/opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/ResourceLeakDetector.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/concurrent/package-info.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/internal/PendingWrite.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/internal/ReadOnlyIterator.java  
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jar/io/netty/util/Recycler.java  
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jar/io/netty/util/Version.java  
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jar/io/netty/util/concurrent/AbstractFuture.java  
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jar/io/netty/util/internal/AppendableCharSequence.java  
\*  
/opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/internal/RecyclableArrayList.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/concurrent/DefaultPromise.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-  
jar/io/netty/util/concurrent/FutureListener.java  
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jar/io/netty/util/internal/EmptyArrays.java

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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/ImmediateEventExecutor.java

\*

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/opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/logging/CommonsLogger.java  
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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/logging/Log4JLogger.java  
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/opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/DomainNameMapping.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/FastThreadLocal.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/InternalThreadLocalMap.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/Mapping.java  
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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/IntegerHolder.java  
\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/concurrent/PromiseNotifier.java  
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/opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/internal/logging/LocationAwareSlf4JLogger.java

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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/Constant.java  
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\* /opt/cola/permits/1717961353\_1686541207.8428516/0/netty-common-4-1-92-final-sources-1-jar/io/netty/util/CharsetUtil.java  
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* /opt/cola/permits/1720055189_1686654514.924605/0/protobuf-java-3-22-5-jar/google/protobuf/timestamp.proto
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\* /opt/cola/permits/1720055189\_1686654514.924605/0/protobuf-java-3-22-5-jar/google/protobuf/wrappers.proto  
\* /opt/cola/permits/1720055189\_1686654514.924605/0/protobuf-java-3-22-5-jar/google/protobuf/api.proto

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\* /opt/cola/permits/1720291825\_1686743903.523154/0/kotlin-1-8-21-1-tgz/package/kotlin.js

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org.ow2.asm:asm-util

ASM: a very small and fast Java bytecode manipulation framework

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rzwitserloot/com.zwitserloot.cmdreader

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projectlombok/lombok.patcher

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## 1.563 jackson-module-scala\_2.13 2.15.1

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## 1.569 jackson-datatype-jdk8 2.14.3

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```
import: ../../../../fossene/db/schema/thing.yml
```

fields:

```
site: string
```

```
author: root
```

# 1.572 prometheus-client 1.16.0

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Support for streaming Protocol Buffer messages for the Go language (golang).

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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# 1.574 containerd-continuity 0.4.1

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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 <https://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 <https://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

Python releases are Open Source (see <https://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
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
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*
/opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
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*
```

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\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java

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jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksCmdResponse.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java  
\*  
/opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequest.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksRequest.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksCommonUtils.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/UnknownSocksRequest.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socksx/SocksMessage.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksResponse.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksCmdRequest.java  
\*  
/opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksAuthResponse.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socksx/v4/Socks4CommandStatus.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/UnknownSocksResponse.java  
\*  
/opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksMessageEncoder.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java  
\* /opt/cola/permits/1735715996\_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-  
jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java

```

* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandResponse.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v4/Socks4ServerDecoder.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java
*
/opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socks/SocksAuthRequest.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequest.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socks/package-info.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v4/Socks4CommandType.java
*
/opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socks/SocksMessage.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponse.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandRequest.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socks/SocksInitResponse.java
* /opt/cola/permits/1735715996_1688166854.02857/0/netty-codec-socks-4-1-94-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java

```

## 1.583 netty-codec-redis 4.1.94.Final

### 1.583.1 Available under license :

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Found in path(s):

\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/InlineCommandRedisMessage.java  
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\*/

Found in path(s):

\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/ArrayHeaderRedisMessage.java

\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/FixedRedisMessagePool.java

\*

/opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/RedisCodecUtil.java

\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/package-info.java

\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/BulkStringHeaderRedisMessage.java

\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/RedisMessageType.java

\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/RedisMessagePool.java

\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-  
jar/io/netty/handler/codec/redis/RedisArrayAggregator.java



```

* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/IntegerRedisMessage.java
*
/opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/DefaultLastBulkStringRedisContent.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/FullBulkStringRedisMessage.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/SimpleStringRedisMessage.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/LastBulkStringRedisContent.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/RedisMessage.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/DefaultBulkStringRedisContent.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/RedisConstants.java
*
/opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/AbstractStringRedisMessage.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/ArrayRedisMessage.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/RedisDecoder.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/RedisBulkStringAggregator.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/RedisCodecException.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/BulkStringRedisContent.java
*
/opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/RedisEncoder.java
* /opt/cola/permits/1735716169_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-
jar/io/netty/handler/codec/redis/ErrorRedisMessage.java
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\* /opt/cola/permits/1735716169\_1688166918.4795456/0/netty-codec-redis-4-1-94-final-sources-jar/META-INF/maven/io.netty/netty-codec-redis/pom.xml

# 1.584 netty-codec-http 4.1.94.Final

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```
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
*
/opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderNames.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValues.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
```

```

jar/io/netty/handler/codec/http/HttpHeadersEncoder.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
*
/opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.
java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/HttpMessageUtil.java
*
/opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandshaker.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
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* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
*
/opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/HttpHeaderNames.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateDecoder.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
*
/opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.j
ava
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-

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jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java  
\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java  
\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java  
\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateDecoder.java  
\*  
/opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java  
\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java  
\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/rtsp/RtspHeaderValues.java  
\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/http/ServerCookieEncoder.java  
\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/http/HttpStatusClass.java  
\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-  
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java  
\*  
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jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java
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jar/io/netty/handler/codec/http/cookie/CookieDecoder.java
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jar/io/netty/handler/codec/http/cookie/package-info.java
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jar/io/netty/handler/codec/rtsp/RtspDecoder.java
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\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/CorruptedWebSocketFrameException.java

\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandshakeHandler.java

\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java

\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java

\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketDecoderConfig.java

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/opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java

\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketCloseStatus.java

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* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandler.java
*
/opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolConfig.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilter.java
* /opt/cola/permits/1735716150_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-
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\* /opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java  
\*

/opt/cola/permits/1735716150\_1688166894.4270442/0/netty-codec-http-4-1-94-final-sources-jar/io/netty/handler/codec/http/HttpServerExpectContinueHandler.java

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## 1.585 netty-transport-classes-kqueue

### 4.1.94.Final

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- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueEventLoop.java
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- /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueue.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueSocketChannel.java
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- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/NativeLongArray.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/package-info.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/BsdSocket.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueServerChannelConfig.java
- \*
- /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/AbstractKQueueChannel.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueDomainSocketChannelConfig.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueDatagramChannelConfig.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueDomainSocketChannel.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueSocketChannelConfig.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/AbstractKQueueServerChannel.java
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- /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueEventArray.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/AcceptFilter.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueServerSocketChannel.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/AbstractKQueueStreamChannel.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/Native.java
- \* /opt/cola/permits/1735716033\_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-jar/io/netty/channel/kqueue/KQueueServerSocketChannelConfig.java
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* /opt/cola/permits/1735716033_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-
jar/io/netty/channel/kqueue/KQueueRecvByteAllocatorHandle.java
* /opt/cola/permits/1735716033_1688166871.5618775/0/netty-transport-classes-kqueue-4-1-94-final-sources-
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- \* /opt/cola/permits/1735716091\_1688166926.4561548/0/netty-codec-memcache-4-1-94-final-sources-jar/io/netty/handler/codec/memcache/FullMemcacheMessage.java
- \* /opt/cola/permits/1735716091\_1688166926.4561548/0/netty-codec-memcache-4-1-94-final-sources-jar/io/netty/handler/codec/memcache/binary/BinaryMemcacheServerCodec.java
- \* /opt/cola/permits/1735716091\_1688166926.4561548/0/netty-codec-memcache-4-1-94-final-sources-jar/io/netty/handler/codec/memcache/binary/DefaultFullBinaryMemcacheResponse.java
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jar/io/netty/handler/codec/memcache/MemcacheObject.java
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/opt/cola/permits/1735716091_1688166926.4561548/0/netty-codec-memcache-4-1-94-final-sources-
jar/io/netty/handler/codec/memcache/DefaultLastMemcacheContent.java
* /opt/cola/permits/1735716091_1688166926.4561548/0/netty-codec-memcache-4-1-94-final-sources-
jar/io/netty/handler/codec/memcache/binary/FullBinaryMemcacheRequest.java

```

# 1.587 netty-codec-smtp 4.1.94.Final

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* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/SntpRequest.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/DefaultSntpResponse.java
*
/opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/SntpUtils.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/SntpCommand.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/DefaultSntpContent.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/SntpRequestEncoder.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/SntpRequests.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/LastSntpContent.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/SntpResponseDecoder.java
*
/opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/DefaultSntpRequest.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/DefaultLastSntpContent.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/SntpContent.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/SntpResponse.java
* /opt/cola/permits/1735716070_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-
jar/io/netty/handler/codec/smtp/package-info.java
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\* /opt/cola/permits/1735716070\_1688166873.5366013/0/netty-codec-smtp-4-1-94-final-sources-jar/META-INF/maven/io.netty/netty-codec-smtp/pom.xml

# 1.588 netty-codec-stomp 4.1.94.Final

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* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-jar/io/netty/handler/codec/stomp/StompHeadersSubframe.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-jar/io/netty/handler/codec/stomp/DefaultLastStompContentSubframe.java
*
/opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-jar/io/netty/handler/codec/stomp/StompSubframeEncoder.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-jar/io/netty/handler/codec/stomp/DefaultStompFrame.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-jar/io/netty/handler/codec/stomp/LastStompContentSubframe.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-jar/io/netty/handler/codec/stomp/DefaultStompHeaders.java
```

```
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/StompConstants.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/StompContentSubframe.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/StompHeaders.java
*
/opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/DefaultStompContentSubframe.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/StompFrame.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/StompSubframeDecoder.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/DefaultStompHeadersSubframe.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/StompSubframe.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/StompCommand.java
* /opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/package-info.java
*
/opt/cola/permits/1735716071_1688166922.1484892/0/netty-codec-stomp-4-1-94-final-sources-
jar/io/netty/handler/codec/stomp/StompSubframeAggregator.java
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INF/maven/io.netty/netty-codec-stomp/pom.xml
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# 1.589 netty-codec-dns 4.1.94.Final

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* /opt/cola/permits/1735716148_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-
jar/io/netty/handler/codec/dns/TcpDnsQueryDecoder.java
* /opt/cola/permits/1735716148_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-
jar/io/netty/handler/codec/dns/TcpDnsResponseEncoder.java
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* /opt/cola/permits/1735716148_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-
jar/io/netty/handler/codec/dns/DnsQueryEncoder.java
```

```
* /opt/cola/permits/1735716148_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-
jar/io/netty/handler/codec/dns/DnsCodecUtil.java
*
/opt/cola/permits/1735716148_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-
jar/io/netty/handler/codec/dns/DnsResponseDecoder.java
* /opt/cola/permits/1735716148_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-
jar/io/netty/handler/codec/dns/TcpDnsQueryEncoder.java
* /opt/cola/permits/1735716148_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-
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\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsOptPseudoRecord.java

\*

/opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsOptEcsRecord.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsPtrRecord.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsPtrRecord.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/AbstractDnsOptPseudoRrRecord.java

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\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsResponseEncoder.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsRawRecord.java

\*

/opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsRecordEncoder.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsQueryEncoder.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsMessage.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsResponse.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsRecord.java



\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsResponse.java

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/opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/package-info.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsResponseCode.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsQueryDecoder.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/AbstractDnsRecord.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsRecordEncoder.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsQuestion.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsQuery.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsRawRecord.java

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/opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsQuestion.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsMessageUtil.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsOpCode.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsResponse.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsResponseDecoder.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/AbstractDnsMessage.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsRecordDecoder.java

\*

/opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsRecordType.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsSection.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsQuery.java

\* /opt/cola/permits/1735716148\_1688166867.358974/0/netty-codec-dns-4-1-94-final-sources-jar/io/netty/handler/codec/dns/DnsQuery.java

# 1.590 netty-transport-udt 4.1.94.Final

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jar/io/netty/channel/udt/DefaultUdtChannelConfig.java
* /opt/cola/permits/1735716084_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-
jar/io/netty/channel/udt/package-info.java
*
/opt/cola/permits/1735716084_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-
jar/io/netty/channel/udt/UdtMessage.java
* /opt/cola/permits/1735716084_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-
jar/io/netty/channel/udt/nio/package-info.java
* /opt/cola/permits/1735716084_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-
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\* /opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteRendezvousChannel.java

\* /opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-jar/io/netty/channel/udt/nio/NioUdtAcceptorChannel.java

\*

/opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageConnectorChannel.java

\* /opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-jar/io/netty/channel/udt/nio/NioUdtProvider.java

\* /opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-jar/io/netty/channel/udt/UdtChannel.java

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\* /opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteConnectorChannel.java

\* /opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageAcceptorChannel.java

\* /opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageRendezvousChannel.java

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jar/io/netty/channel/udt/DefaultUdtServerChannelConfig.java  
\* /opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-  
jar/io/netty/channel/udt/UdtServerChannelConfig.java  
\*

/opt/cola/permits/1735716084\_1688166885.98555/0/netty-transport-udt-4-1-94-final-sources-  
jar/io/netty/channel/udt/UdtChannelOption.java

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jar/io/netty/channel/udt/UdtServerChannel.java

# 1.591 netty-resolver-dns 4.1.94.Final

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jar/io/netty/resolver/dns/DnsCnameCache.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/NoopAuthoritativeDnsServerCache.java
*
/opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/DnsRecordResolveContext.java
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jar/io/netty/resolver/dns/DirContextUtils.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/Cache.java
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jar/io/netty/resolver/dns/DefaultAuthoritativeDnsServerCache.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/NameServerComparator.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/DnsAddressResolveContext.java
*
/opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/DnsAddressDecoder.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/NoopDnsCnameCache.java
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```

jar/io/netty/resolver/dns/AuthoritativeDnsServerCacheAdapter.java  
\* /opt/cola/permits/1735716118\_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-  
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jar/io/netty/resolver/dns/DatagramDnsQueryContext.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/PreferredAddressTypeComparator.java
*
/opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
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jar/io/netty/resolver/dns/UnixResolverOptions.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/LoggingDnsQueryLifecycleObserverFactory.java
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jar/io/netty/resolver/dns/DnsCacheEntry.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserver.java
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/opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/MultiDnsServerAddressStreamProvider.java
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* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/SequentialDnsServerAddressStreamProvider.java
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* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/UniSequentialDnsServerAddressStreamProvider.java
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jar/io/netty/resolver/dns/DnsServerAddressStreamProvider.java
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* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/DefaultDnsServerAddressStreamProvider.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserverFactory.java
*
/opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/DnsNameResolverTimeoutException.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/DnsServerAddressStreamProviders.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
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jar/io/netty/resolver/dns/DnsQueryLifecycleObserverFactory.java
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jar/io/netty/resolver/dns/LoggingDnsQueryLifecycleObserver.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/SingletonDnsServerAddressStreamProvider.java
*
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jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserverFactory.java
* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
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/opt/cola/permits/1735716118\_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-jar/io/netty/resolver/dns/DnsServerAddresses.java  
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\* /opt/cola/permits/1735716118\_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-jar/io/netty/resolver/dns/package-info.java

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jar/io/netty/resolver/dns/DnsNameResolverException.java
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jar/io/netty/resolver/dns/SequentialDnsServerAddressStream.java
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* /opt/cola/permits/1735716118_1688166914.9159968/0/netty-resolver-dns-4-1-94-final-sources-
jar/io/netty/resolver/dns/ShuffledDnsServerAddressStream.java
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## 1.592 netty-transport-sctp 4.1.94.Final

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* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/io/netty/channel/sctp/nio/NioSctpChannel.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/UnsupportedOperationException.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/io/netty/channel/sctp/SctpMessage.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/io/netty/channel/sctp/SctpServerChannel.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/io/netty/channel/sctp/SctpNotificationHandler.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/SctpStandardSocketOptions.java
*
/opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/AssociationChangeNotification.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/io/netty/channel/sctp/SctpChannelConfig.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/NotificationHandler.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/HandlerResult.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/ShutdownNotification.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/AbstractNotificationHandler.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/Notification.java
*
/opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/MessageInfo.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/SendFailedNotification.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/io/netty/channel/sctp/nio/NioSctpServerChannel.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/SctpSocketOption.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/PeerAddressChangeNotification.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
jar/com/sun/nio/sctp/package-info.java
* /opt/cola/permits/1735715970_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-
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jar/io/netty/channel/sctp/SctpChannel.java
*

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/opt/cola/permits/1735715970\_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-jar/com/sun/nio/sctp/SctpServerChannel.java

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\*  
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\* /opt/cola/permits/1735715970\_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-jar/io/netty/channel/sctp/package-info.java  
\* /opt/cola/permits/1735715970\_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-jar/io/netty/channel/sctp/nio/package-info.java

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\* /opt/cola/permits/1735715970\_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-jar/io/netty/handler/codec/sctp/SctpMessageToMessageDecoder.java

\*

/opt/cola/permits/1735715970\_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-jar/io/netty/handler/codec/sctp/SctpInboundByteStreamHandler.java

\* /opt/cola/permits/1735715970\_1688166876.6928725/0/netty-transport-sctp-4-1-94-final-sources-jar/io/netty/handler/codec/sctp/SctpMessageCompletionHandler.java

## 1.593 netty-transport-rxtx 4.1.94.Final

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\* /opt/cola/permits/1735715975\_1688166844.8988132/0/netty-transport-rxtx-4-1-94-final-sources-jar/io/netty/channel/rxtx/RxtxDeviceAddress.java

\*

/opt/cola/permits/1735715975\_1688166844.8988132/0/netty-transport-rxtx-4-1-94-final-sources-jar/io/netty/channel/rxtx/RxtxChannel.java

\* /opt/cola/permits/1735715975\_1688166844.8988132/0/netty-transport-rxtx-4-1-94-final-sources-jar/io/netty/channel/rxtx/DefaultRxtxChannelConfig.java

\* /opt/cola/permits/1735715975\_1688166844.8988132/0/netty-transport-rxtx-4-1-94-final-sources-jar/io/netty/channel/rxtx/package-info.java

\* /opt/cola/permits/1735715975\_1688166844.8988132/0/netty-transport-rxtx-4-1-94-final-sources-jar/io/netty/channel/rxtx/RxtxChannelConfig.java

## 1.594 netty-transport-classes-epoll

### 4.1.94.Final



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```

```
*/
```

```
/**
```

```
* Set the { @code TCP_MD5SIG } option on the socket. See { @code linux/tcp.h } for more details.
* Keys can only be set on, not read to prevent a potential leak, as they are confidential.
* Allowing them being read would mean anyone with access to the channel could get them.
```

```
*/
```

```
/**
```

```
* Set the { @code TCP_QUICKACK } option on the socket.
* See TCP_QUICKACK
* for more details.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-
jar/io/netty/channel/epoll/EpollSocketChannelConfig.java
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*/
/**
 * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
*/
```

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```
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-
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```

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* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-
jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
```

```
*
/opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-
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\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java  
\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/package-info.java  
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\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollEventLoopGroup.java  
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Found in path(s):

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollEventArray.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java

\*

/opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollMode.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollServerChannelConfig.java

\*

/opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java

\* /opt/cola/permits/1735715951\_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java

# 1.595 netty-codec-mqtt 4.1.94.Final

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\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io.netty.handler.codec.mqtt/MqttMessageBuilders.java

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\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttReasonCodeAndPropertiesVariableHeader.java

\*

/opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnsubAckPayload.java

\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageIdAndPropertiesVariableHeader.java

\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttProperties.java

\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttPubReplyMessageVariableHeader.java

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jar/io/netty/handler/codec/mqtt/package-info.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-  
jar/io/netty/handler/codec/mqtt/MqttQoS.java  
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jar/io/netty/handler/codec/mqtt/MqttUnsubscribePayload.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-  
jar/io/netty/handler/codec/mqtt/MqttVersion.java  
\*

/opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-  
jar/io/netty/handler/codec/mqtt/MqttPubAckMessage.java

\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-  
jar/io/netty/handler/codec/mqtt/MqttPublishMessage.java

\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-  
jar/io/netty/handler/codec/mqtt/MqttTopicSubscription.java

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jar/io/netty/handler/codec/mqtt/MqttConnectReturnCode.java

\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-  
jar/io/netty/handler/codec/mqtt/MqttMessageType.java

\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-  
jar/io/netty/handler/codec/mqtt/MqttSubAckPayload.java

\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-  
jar/io/netty/handler/codec/mqtt/MqttPublishVariableHeader.java  
\*

/opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttDecoder.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttSubAckMessage.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnsubAckMessage.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessage.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnsubscribeMessage.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttSubscribePayload.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnAckVariableHeader.java  
\*  
/opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnectMessage.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttCodecUtil.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttIdentifierRejectedException.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttUnacceptableProtocolVersionException.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnAckMessage.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageIdVariableHeader.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnectVariableHeader.java  
\*  
/opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageFactory.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttSubscribeMessage.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttEncoder.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttConnectPayload.java  
\* /opt/cola/permits/1735715980\_1688166849.0213635/0/netty-codec-mqtt-4-1-94-final-sources-jar/io/netty/handler/codec/mqtt/MqttFixedHeader.java

## 1.596 netty-handler-ssl-ocsp 4.1.94.Final

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\* /opt/cola/permits/1735716111\_1688166919.2983882/0/netty-handler-ssl-ocsp-4-1-94-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java

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/opt/cola/permits/1735716111\_1688166919.2983882/0/netty-handler-ssl-ocsp-4-1-94-final-sources-jar/io/netty/handler/ssl/ocsp/OcspServerCertificateValidator.java

\* /opt/cola/permits/1735716111\_1688166919.2983882/0/netty-handler-ssl-ocsp-4-1-94-final-sources-jar/io/netty/handler/ssl/ocsp/IoTransport.java

\* /opt/cola/permits/1735716111\_1688166919.2983882/0/netty-handler-ssl-ocsp-4-1-94-final-sources-jar/io/netty/handler/ssl/ocsp/OcspResponse.java

```
* /opt/cola/permits/1735716111_1688166919.2983882/0/netty-handler-ssl-ocsp-4-1-94-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspHttpHandler.java
* /opt/cola/permits/1735716111_1688166919.2983882/0/netty-handler-ssl-ocsp-4-1-94-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspClient.java
```

# 1.597 netty-resolver-dns-classes-macos

## 4.1.94.Final

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* /opt/cola/permits/1735716191_1688166921.1583533/0/netty-resolver-dns-classes-macos-4-1-94-final-sources-
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\* /opt/cola/permits/1735716191\_1688166921.1583533/0/netty-resolver-dns-classes-macos-4-1-94-final-sources-jar/io/netty/resolver/dns/macos/package-info.java

\*

/opt/cola/permits/1735716191\_1688166921.1583533/0/netty-resolver-dns-classes-macos-4-1-94-final-sources-jar/io/netty/resolver/dns/macos/DnsResolver.java

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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/MathUtil.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ByteProcessor.java

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jar/io/netty/util/internal/SuppressJava6Requirement.java

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jar/io/netty/util/internal/svm/PlatformDependent0Substitution.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-  
jar/io/netty/util/internal/svm/PlatformDependentSubstitution.java

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jar/io/netty/util/internal/svm/UnsafeRefArrayAccessSubstitution.java

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jar/io/netty/util/internal/svm/package-info.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-  
jar/io/netty/util/internal/Hidden.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-  
jar/io/netty/util/internal/ThreadExecutorMap.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-  
jar/io/netty/util/internal/svm/CleanerJava6Substitution.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-  
jar/io/netty/util/internal/ReferenceCountUpdater.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-

jar/io/netty/util/internal/ObjectPool.java

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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/UnstableApi.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandlers.java

\*

/opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/OutOfDirectMemoryError.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/PromiseCombiner.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/UnaryPromiseNotifier.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/Log4J2Logger.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/SocketUtils.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/Log4J2LoggerFactory.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/NonStickyEventExecutorGroup.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ResourceLeakTracker.java

\*

/opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/IntSupplier.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ConstantTimeUtils.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/BooleanSupplier.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/PromiseNotificationUtil.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/MacAddressUtil.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutorChooserFactory.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/DomainNameMappingBuilder.java  
\*  
/opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ResourceLeakDetectorFactory.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/NativeLibraryUtil.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandler.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/EventExecutorChooserFactory.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/UnorderedThreadPoolEventExecutor.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ThrowableUtil.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/OrderedEventExecutor.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ReferenceCounted.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/DefaultProgressivePromise.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ConcurrentSet.java



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/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/concurrent/AbstractEventExecutorGroup.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/EmptyArrays.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/concurrent/ThreadPerTaskExecutor.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/NoOpTypeParameterMatcher.java
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/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/concurrent/FutureListener.java
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jar/io/netty/util/CharsetUtil.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/NetUtilInitializations.java

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/DomainWildcardMappingBuilder.java

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/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/logging/InternalLogger.java

```

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```

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```

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Found in path(s):

- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/DomainMappingBuilder.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/DefaultPriorityQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/AsyncMapping.java
- \*
- /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/LongCounter.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/PriorityQueueNode.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/AbstractScheduledEventExecutor.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/HashingStrategy.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/ThreadProperties.java

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<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
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<artifactId>jctools-core</artifactId>
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```
<groupId>org.jctools</groupId>
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<version>3.1.0</version>
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<name>Java Concurrency Tools Core Library</name>
```

```
<description>Java Concurrency Tools Core Library</description>
```

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<packaging>bundle</packaging>
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<dependencies>
```

```
<dependency>
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<groupId>org.hamcrest</groupId>
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<artifactId>hamcrest-all</artifactId>
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<scope>test</scope>
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</dependency>
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 <groupId>com.google.guava</groupId>
 <artifactId>guava-testlib</artifactId>
 <version>${guava-testlib.version}</version>
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</dependency>
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</dependencies>
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 <plugins>
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 <artifactId>maven-surefire-plugin</artifactId>
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 <version>3.0.0-M3</version>
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 <include>*</include>
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 </includes>
```

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 </configuration>
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 <extensions>>true</extensions>
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 <configuration>
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 <groupId>org.apache.maven.plugins</groupId>
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 <artifactId>maven-source-plugin</artifactId>
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 <version>3.2.0</version>
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 <executions>
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```
 <execution>
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 <id>attach-sources</id>
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 <phase>verify</phase>
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```
 <goals>
```



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 <goal>jar-no-fork</goal>
 </goals>
</execution>
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</plugin>
<plugin>
 <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-javadoc-plugin</artifactId>
 <version>3.1.1</version>
 <configuration>
 <additionalOptions>
 <additionalOption>-Xdoclint:none</additionalOption>
 </additionalOptions>
 <source>8</source>
 </configuration>
 <executions>
 <execution>
 <id>attach-javadocs</id>
 <goals>
 <goal>jar</goal>
 </goals>
 </execution>
 </executions>
</plugin>
</plugins>
</build>

<distributionManagement>
 <repository>
 <id>bintray-jctools-jctools</id>
 <name>jctools-jctools</name>
 <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
 </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
 <license>
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 License, Version 2.0</name>
 <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
 <distribution>repo</distribution>
 </license>
</licenses>

<scm>

```

```
<url>https://github.com/JCTools/JCTools</url>
<connection>scm:git:https://github.com/JCTools/JCTools</connection>
<tag>HEAD</tag>
</scm>

<developers>
<developer>
 <url>https://github.com/nitsanw</url>
</developer>
<developer>
 <url>https://github.com/mjpt777</url>
</developer>
<developer>
 <url>https://github.com/RichardWarburton</url>
</developer>
<developer>
 <url>https://github.com/kay</url>
</developer>
<developer>
 <url>https://github.com/franz1981</url>
</developer>
</developers>

<prerequisites>
<maven>3.5.0</maven>
</prerequisites>

<properties>
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<java.version>1.6</java.version>
<java.test.version>1.8</java.test.version>

<maven.compiler.source>${java.version}</maven.compiler.source>
<maven.compiler.target>${java.version}</maven.compiler.target>
<maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
<maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

<hamcrest.version>1.3</hamcrest.version>
<junit.version>4.12</junit.version>
<guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>
```

Found

in path(s):

\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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```
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 */
```

Found in path(s):

```
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/InternalThreadLocalMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/concurrent/FastThreadLocal.java
*
/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/concurrent/PromiseAggregator.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/ResourceLeakHint.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/NativeLibraryLoader.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/AsciiString.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/concurrent/PromiseNotifier.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/Mapping.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/UnpaddedInternalThreadLocalMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/ThreadDeathWatcher.java
*
/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/IntegerHolder.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/DomainNameMapping.java
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```

```
/*
```

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Found in path(s):

- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpSCGrowableAtomicArrayQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/package-info.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/BaseLinkedQueue.java
- \*
- /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedArrayQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpSCArrayQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashMapLong.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashSet.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashMap.java
- \*
- /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedXaddArrayQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingIdentityHashMap.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpSCLinkedQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscGrowableArrayQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscCompoundQueue.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscChunkedArrayQueue.java
- \*

/opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpmcArrayQueue.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/LinkedListNode.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpSCLinkedListAtomicQueue.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedXaddChunk.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/spec/Preference.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscArrayQueue.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/ConcurrentAutoTable.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MessagePassingQueue.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SupportsIterator.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcUnboundedXaddChunk.java  
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/opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java  
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeAccess.java  
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/opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeRefArrayAccess.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/spec/Ordering.java  
\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-

```
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/AtomicQueueFactory.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/MpscLinkedQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
*
/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/util/PortableJvmInfo.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpscUnboundedAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/META-
INF/native-image/io.netty.netty-common/native-image.properties
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```
io.netty.util.internal.Hidden$NettyBlockHoundIntegration
```

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```
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/META-
INF/services/reactor.blockhound.integration.BlockHoundIntegration
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/ThreadLocalRandom.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/ByteCollections.java
```

```
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/LongObjectMap.java
```

```
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
```



```
jar/io/netty/util/collection/LongCollections.java
*
/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/ShortObjectHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/CharObjectMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/ObjectUtil.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/CharCollections.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/IntObjectHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/LongObjectHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/IntCollections.java
*
/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/IntObjectMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/ShortCollections.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/ShortObjectMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/ByteObjectHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/ByteObjectMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/collection/CharObjectHashMap.java
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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/MessageFormatter.java  
 \*

/opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/FormattingTuple.java

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\* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ByteProcessorUtils.java

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jar/io/netty/util/internal/LongAdderCounter.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/PriorityQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/ReflectionUtil.java
*
/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/EmptyPriorityQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/SuppressForbidden.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/logging/LocationAwareSlf4JLogger.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/UncheckedBooleanSupplier.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/internal/ObjectCleaner.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-
jar/io/netty/util/NettyRuntime.java
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- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/FastThreadLocalRunnable.java
- \* /opt/cola/permits/1735715999\_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/Cleaner.java

# 1.599 metrics 4.2.19

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\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlDecoder.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/package-info.java  
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\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlProcessingInstruction.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlDTD.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlSpace.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlEntityReference.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlCdata.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlCharacters.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlDocumentEnd.java  
\*  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlElementEnd.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlDocumentStart.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlAttribute.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlElementStart.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/io/netty/handler/codec/xml/XmlContent.java  
\* /opt/cola/permits/1735716040\_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-

```
jar/io/netty/handler/codec/xml/XmlComment.java
* /opt/cola/permits/1735716040_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-
jar/io/netty/handler/codec/xml/XmlNamespace.java
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```
* /opt/cola/permits/1735716040_1688166855.986974/0/netty-codec-xml-4-1-94-final-sources-jar/META-
INF/maven/io.netty/netty-codec-xml/pom.xml
```

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* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxySSLTLV.java
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyTLV.java
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* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-jar/META-
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```
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyProtocolException.java
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyMessageDecoder.java
```

```
*
/opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyProxiedProtocol.java
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/package-info.java
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyProtocolVersion.java
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyMessage.java
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyConstants.java
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
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```
* /opt/cola/permits/1735716063_1688166922.867191/0/netty-codec-haproxy-4-1-94-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyMessageEncoder.java
```

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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/rolling/SizeAndTimeBasedFNATP.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/joran/GenericXMLConfigurator.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/rolling/DefaultTimeBasedFileNamingAndTriggeringPolicy.java

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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/status/StatusListenerAsList.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/net/DefaultSocketConnector.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/pattern/parser/FormattingNode.java

\*

/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/LogbackException.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/joran/spi/ActionException.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/pattern/util/AlmostAsIsEscapeUtil.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/sift/AppenderFactoryUsingSiftModel.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/spi/CyclicBufferTracker.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/util/Duration.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/joran/node/ComponentNode.java

\*

/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/spi/ComponentTracker.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/spi/LogbackLock.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/sift/DefaultDiscriminator.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/status/StatusManager.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/pattern/color/GrayCompositeConverter.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/joran/action/AppenderRefAction.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/rolling/TriggeringPolicyBase.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/FileAppender.java

\*

/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/net/server/RemoteReceiverClient.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/pattern/color/BoldGreenCompositeConverter.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/recovery/RecoveryCoordinator.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/subst/Parser.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/filter/EvaluatorFilter.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-

jar/ch/qos/logback/core/joran/spi/SaxEventInterpretationContext.java  
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jar/ch/qos/logback/core/net/QueueFactory.java  
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jar/ch/qos/logback/core/pattern/parser/Token.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/AsyncAppenderBase.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/net/server/RemoteReceiverStreamClient.java  
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jar/ch/qos/logback/core/net/ssl/SecureRandomFactoryBean.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/property/ResourceExistsPropertyDefiner.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/html/IThrowableRenderer.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/rolling/helper/PeriodicityType.java  
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/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/joran/spi/NoAutoStartUtil.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/net/ssl/KeyManagerFactoryFactoryBean.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/pattern/util/RegularEscapeUtil.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/rolling/helper/FileNamePattern.java  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/pattern/PatternLayoutEncoderBase.java  
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/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/pattern/SpacePadder.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/pattern/color/BoldMagentaCompositeConverter.java  
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jar/ch/qos/logback/core/rolling/RolloverFailure.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/spi/PropertyDefiner.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
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jar/ch/qos/logback/core/util/Loader.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/util/TimeUtil.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/OutputStreamAppender.java  
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/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/pattern/color/ForegroundCompositeConverterBase.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/joran/action/ImplicitModelData.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/sift/AppenderTracker.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/joran/action/SequenceNumberGeneratorAction.java  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/encoder/EncoderBase.java  
\*  
/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/pattern/color/BoldCyanCompositeConverter.java  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/spi/AppenderAttachable.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/sift/AppenderFactory.java  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/rolling/SizeAndTimeBasedRollingPolicy.java  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/pattern/parser/SimpleKeywordNode.java  
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jar/ch/qos/logback/core/net/ssl/ConfigurableSSLServerSocketFactory.java  
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/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/rolling/TimeBasedFileNamingAndTriggeringPolicyBase.java  
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jar/ch/qos/logback/core/joran/event/EndEvent.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
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jar/ch/qos/logback/core/joran/spi/SimpleRuleStore.java  
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jar/ch/qos/logback/core/pattern/color/YellowCompositeConverter.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
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jar/ch/qos/logback/core/rolling/helper/SizeAndTimeBasedArchiveRemover.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-  
jar/ch/qos/logback/core/spi/PropertyContainer.java  
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/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/rolling/TriggeringPolicy.java  
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jar/ch/qos/logback/core/LifeCycleManager.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/pattern/color/GreenCompositeConverter.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/net/SMTPAppenderBase.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/net/server/ServerSocketListener.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/joran/action/TimestampAction.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
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* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/ContextBase.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/joran/event/SaxEventRecorder.java  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/joran/action/ImplicitModelAction.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/model/SequenceNumberGeneratorModel.java

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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/FileTestUtil.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/StringListAppender.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/TrivialStatusListener.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/NPEAppender.java

\*

/opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/util/SimpleInvocationGate.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/FileToBufferUtil.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/CoreTestConstants.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/DelayingListAppender.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/TeeOutputStream.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/RandomUtil.java

\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/MockInitialContextFactory.java

```
*
/opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/spi/ConfigurationEvent.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/testUtil/MockInitialContext.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/testUtil/EnvUtilForTests.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/spi/ConfigurationEventListener.java
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* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/joran/sanity/AppenderWithinAppenderSanityChecker.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/model/processor/DefaultProcessor.java
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* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
```

jar/ch/qos/logback/core/encoder/JsonEscapeUtil.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/XTeeOutputStream.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/testUtil/DummyEncoder.java  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/model/NamedComponentModel.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/model/AppenderRefModel.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/model/processor/AppenderModelHandler.java  
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\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-jar/ch/qos/logback/core/sift/SiftingAppenderBase.java  
\* /opt/cola/permits/1736457129\_1688943565.4150958/0/logback-core-1-4-8-sources-

```
jar/ch/qos/logback/core/model/processor/ImplicitModelHandler.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/sift/NOPSiftModelHandler.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/sift/SiftModelHandler.java
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* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/status/StatusUtil.java
* /opt/cola/permits/1736457129_1688943565.4150958/0/logback-core-1-4-8-sources-
jar/ch/qos/logback/core/util/EnvUtil.java
```

# 1.607 tonistiigi-vt100 0.0.0-20230623042737-f9a4f7ef6531

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- 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
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- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
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- `jsp_2_3.xsd`
- `web-app_3_1.xsd`
- `web-common_3_1.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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- 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
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- jsp\_3\_1.xsd
- web-app\_5\_0.xsd
- web-app\_6\_0.xsd
- web-commonn\_5\_0.xsd
- web-commonn\_6\_0.xsd
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\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/DeferredImportSelector.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/ScannedGenericBeanDefinition.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/ImportSelector.java

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/opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/AnnotationConfigApplicationContext.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/support/SimpleCacheManager.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/support/NoOpCache.java

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  - \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/jmx/export/SpringModelMBean.java
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\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/validation/beanvalidation/OptionalValidatorFactoryBean.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/Description.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/FilterType.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/i18n/LocaleContext.java

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/opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/jmx/MBeanServerNotFoundException.java

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 jar/org/springframework/context/Phased.java

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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/context/NoSuchMessageException.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/format/Formatter.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/context/HierarchicalMessageSource.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/format/number/AbstractNumberFormatter.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/validation/BindingErrorProcessor.java
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* limitations under the License.
*/
/**
* Indicates that a component is only eligible for registration when all
* { @linkplain #value specified conditions } match.
*
* <p>A condition is any state that can be determined programmatically
* before the bean definition is due to be registered (see { @link Condition } for details).
*
*
* <p>The { @code @Conditional } annotation may be used in any of the following ways:
*
* as a type-level annotation on any class directly or indirectly annotated with
* { @code @Component }, including { @link Configuration @Configuration } classes
* as a meta-annotation, for the purpose of composing custom stereotype
* annotations
* as a method-level annotation on any { @link Bean @Bean } method
*
*
* <p>If a { @code @Configuration } class is marked with { @code @Conditional },
* all of the { @code @Bean } methods, { @link Import @Import } annotations, and
* { @link ComponentScan @ComponentScan } annotations associated with that
* class will be subject to the conditions.
*
* <p>NOTE: Inheritance of { @code @Conditional } annotations
* is not supported; any conditions from superclasses or from overridden
* methods will not be considered. In order to enforce these semantics,
* { @code @Conditional } itself is not declared as
* { @link java.lang.annotation.Inherited
* @Inherited }; furthermore, any
* custom composed annotation that is meta-annotated with
* { @code @Conditional } must not be declared as { @code @Inherited }.
*
* @author Phillip Webb
* @author Sam Brannen
* @since 4.0
* @see Condition
*/

```

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\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/interceptor/BasicOperation.java

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jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java  
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jar/org/springframework/context/ApplicationEventPublisherAware.java  
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jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java  
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jar/org/springframework/scripting/bsh/BshScriptEvaluator.java  
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 jar/org/springframework/scheduling/concurrent/ScheduledExecutorTask.java  
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 /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
 jar/org/springframework/jndi/JndiAccessor.java  
 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
 jar/org/springframework/context/EnvironmentAware.java  
 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
 jar/org/springframework/context/expression/EnvironmentAccessor.java  
 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
 jar/org/springframework/cache/support/SimpleValueWrapper.java  
 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
 jar/org/springframework/jmx/access/MBeanProxyFactoryBean.java  
 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-

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jar/org/springframework/jmx/export/NotificationListenerBean.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/format/datetime/standard/DateTimeFormatterFactoryBean.java
*
/opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/context/config/LoadTimeWeaverBeanDefinitionParser.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/context/support/AbstractRefreshableConfigApplicationContext.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/cache/interceptor/CacheErrorHandler.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/scripting/ScriptFactory.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/context/MessageSourceResolvable.java
*
/opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/validation/beanvalidation/CustomValidatorBean.java
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jar/org/springframework/format/number/money/MonetaryAmountFormatter.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/jmx/export/metadata/ManagedResource.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/stereotype/Indexed.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/context/support/ConversionServiceFactoryBean.java
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/jmx/access/ConnectorDelegate.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/instrument/classloading/tomcat/TomcatLoadTimeWeaver.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/context/support/ClassPathXmlApplicationContext.java
*
/opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/format/number/CurrencyStyleFormatter.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-

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jar/org/springframework/jmx/export/metadata/JmxMetadataUtils.java

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\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/config/PropertyOverrideBeanDefinitionParser.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/support/GenericXmlApplicationContext.java

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/opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/scheduling/config/ExecutorBeanDefinitionParser.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/format/support/FormatterPropertyEditorAdapter.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/format/datetime/standard/YearMonthFormatter.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/format/datetime/standard/TemporalAccessorPrinter.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/ScopeMetadataResolver.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/scheduling/config/ScheduledTasksBeanDefinitionParser.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/jndi/IndiLocatorDelegate.java

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/opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/interceptor/CacheEvaluationContext.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/format/datetime/standard/MonthDayFormatter.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/format/datetime/standard/PeriodFormatter.java

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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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/opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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jar/org/springframework/jndi/JndiPropertySource.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/format/Printer.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/scripting/groovy/GroovyObjectCustomizer.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/cache/support/CompositeCacheManager.java
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jar/org/springframework/validation/Errors.java
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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 jar/org/springframework/format/FormatterRegistry.java  
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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jar/org/springframework/validation/beanvalidation/BeanValidationPostProcessor.java
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/opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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/opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/event/ApplicationEventMulticaster.java



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 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
 jar/org/springframework/scheduling/support/CronSequenceGenerator.java  
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 jar/org/springframework/context/support/ApplicationListenerDetector.java  
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 jar/org/springframework/scheduling/annotation/AsyncConfigurerSupport.java  
 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
 jar/org/springframework/context/aot/CglibClassHandler.java  
 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
 jar/org/springframework/context/expression/BeanExpressionContextAccessor.java  
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 /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
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 \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
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jar/org/springframework/cache/annotation/EnableCaching.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
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jar/org/springframework/context/support/ApplicationContextAwareProcessor.java  
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jar/org/springframework/ui/ExtendedModelMap.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
jar/org/springframework/context/support/ReloadableResourceBundleMessageSource.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
jar/org/springframework/scheduling/annotation/Async.java  
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jar/org/springframework/context/LifecycleProcessor.java  
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- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/format/datetime/standard/InstantFormatter.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/support/GenericApplicationContextExtensions.kt
- \*
- /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/interceptor/CacheProxyFactoryBean.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/interceptor/CacheOperationSource.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/ApplicationEventPublisher.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/support/StaticApplicationContext.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/AnnotationConfigRegistry.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/instrument/classloading/jboss/JBossLoadTimeWeaver.java
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- /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/jmx/support/MBeanServerFactoryBean.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/jndi/JndiTemplateEditor.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/support/StaticMessageSource.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/AnnotationConfigApplicationContextExtensions.kt
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/interceptor/AbstractCacheInvoker.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/interceptor/CompositeCacheOperationSource.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/Import.java
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- /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/annotation/CacheAnnotationParser.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/instrument/classloading/InstrumentationLoadTimeWeaver.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/context/annotation/ImportBeanDefinitionRegistrar.java
- \* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-

jar/org/springframework/context/event/EventExpressionEvaluator.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
jar/org/springframework/cache/CacheManager.java  
\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
jar/org/springframework/context/SmartLifecycle.java  
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jar/org/springframework/jmx/export/metadata/ManagedOperation.java  
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```

```
/**
* Abstract the invocation of a cache operation.
*
* <p>Does not provide a way to transmit checked exceptions but
* provide a special exception that should be used to wrap any
```

\* exception that was thrown by the underlying invocation.  
\* Callers are expected to handle this issue type specifically.  
\*  
\* @author Stephane Nicoll  
\* @since 4.1  
\*/

Found in path(s):

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/cache/interceptor/CacheOperationInvoker.java

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\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/jmx/export/MBeanExporter.java

\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/scheduling/annotation/ScheduledAnnotationBeanPostProcessor.java

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\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/scheduling/TaskScheduler.java

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\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-jar/org/springframework/scheduling/annotation/AnnotationAsyncExecutionInterceptor.java

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\* /opt/cola/permits/1740941687\_1688942112.322605/0/spring-context-6-0-10-sources-  
jar/org/springframework/cache/interceptor/CacheAspectSupport.java  
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jar/org/springframework/validation/BindingResultUtils.java  
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jar/org/springframework/format/support/FormattingConversionServiceFactoryBean.java  
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jar/org/springframework/scheduling/config/ScheduledTaskRegistrar.java  
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/jmx/access/MBeanClientInterceptor.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/ui/ModelMap.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/scripting/support/ScriptFactoryPostProcessor.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/scripting/groovy/GroovyScriptEvaluator.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/ui/context/support/ResourceBundleThemeSource.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/scheduling/concurrent/ReschedulingRunnable.java

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/opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/context/support/ApplicationObjectSupport.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/cache/interceptor/NameMatchCacheOperationSource.java
* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/validation/beanvalidation/BeanValidationBeanRegistrationAotProcessor.java
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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/opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
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* /opt/cola/permits/1740941687_1688942112.322605/0/spring-context-6-0-10-sources-
jar/org/springframework/validation/beanvalidation/LocalValidatorFactoryBean.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ExceptionHandlerExceptionHandlerResolver.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/tags/form/CheckboxTag.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMessageConverterMethodArgumentResolver.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMessageConverterMethodProcessor.java

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jar/org/springframework/web/servlet/mvc/method/annotation/JsonViewRequestBodyAdvice.java
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/opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/NoHandlerFoundException.java  
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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/support/RequestContextUtils.java  
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jar/org/springframework/web/servlet/resource/ResourceResolverChain.java
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* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/tags/HtmlEscapingAwareTag.java
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*/
/**
* A contract for inspecting and potentially modifying request data values such
* as URL query parameters or form field values before they are rendered by a
* view or before a redirect.
*
* <p>Implementations may use this contract for example as part of a solution
* to provide data integrity, confidentiality,
* protection against cross-site
* request forgery (CSRF), and others or for other tasks such as automatically
* adding a hidden field to all forms and URLs.
*
* <p>View technologies that support this contract can obtain an instance to
* delegate to via { @link RequestContext#getRequestDataValueProcessor()}.
*
* @author Rossen Stoyanchev
* @since 3.1
*/

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* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/support/RequestDataValueProcessor.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/FreeMarkerConfigurerBeanDefinitionParser.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMethodArgumentResolver.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/support/JsAwareRequestContext.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/condition/ParamsRequestCondition.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/MvcNamespaceHandler.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/LastModified.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/handler/MatchableHandlerMapping.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/ViewResolversBeanDefinitionParser.java

\*

/opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/HandlerExecutionChain.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/annotation/CorsRegistration.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/resource/CssLinkResourceTransformer.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfig.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/handler/AbstractHandlerExceptionHandlerResolver.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-

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jar/org/springframework/web/servlet/mvc/Controller.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/view/groovy/GroovyMarkupViewResolver.java
*
/opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdviceAdapter.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/config/annotation/EnableWebMvc.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/handler/SimpleServletHandlerAdapter.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/i18n/LocaleChangeInterceptor.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfigurer.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/mvc/WebContentInterceptor.java
*
/opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/handler/MappedInterceptor.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/handler/AbstractDetectingUriHandlerMapping.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/function/ChangePathPatternParserVisitor.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/tags/form/TagWriter.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/tags/form/SelectedValueComparator.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/FlashMap.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdvice.java
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/opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestResponseBodyAdviceChain.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/config/annotation/ViewControllerRegistry.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/HandlerAdapter.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/HandlerInterceptor.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/mvc/condition/HeadersRequestCondition.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/config/annotation/ResourceHandlerRegistration.java
*
/opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/config/annotation/ResourceHandlerRegistry.java
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-

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jar/org/springframework/web/servlet/view/DefaultRequestToViewNameTranslator.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/SmartView.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/condition/MediaTypeExpression.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/tags/form/RadioButtonTag.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/support/RedirectAttributes.java

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\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/function/RouterFunction.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/annotation/DefaultServletHandlerConfigurer.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/function/HandlerFunction.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/function/RenderingResponse.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/function/ServerResponseExtensions.kt

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/view/script/ScriptTemplateConfigurer.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/function/ResourceHandlerFunction.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ViewNameMethodReturnValueHandler.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/function/ServerRequestExtensions.kt

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/function/EntityResponse.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/function/ToStringVisitor.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/method/annotation/StreamingResponseBodyReturnValueHandler.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/annotation/DelegatingWebMvcConfiguration.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/ServletWrappingController.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/view/script/ScriptTemplateConfig.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/handler/HandlerExceptionResolverComposite.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/method/annotation/SessionAttributeMethodArgumentResolver.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/resource/CachingResourceResolver.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/resource/CachingResourceTransformer.java

\* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/condition/AbstractRequestCondition.java

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/opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/annotation/AsyncSupportConfigurer.java

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 */
/**
 * XSLT-driven View that allows for response context to be rendered as the
 * result of an XSLT transformation.
 *
 * <p>The XSLT Source object is supplied as a parameter in the model and then
 * { @link #locateSource detected} during response rendering. Users can either specify
 * a specific entry in the
 * model via the { @link #setSourceKey sourceKey} property or
 * have Spring locate the Source object. This class also provides basic conversion
 * of objects into Source implementations. See { @link #getSourceTypes() here}
 * for more details.
 *
 * <p>All model parameters are passed to the XSLT Transformer as parameters.
 * In addition the user can configure { @link #setOutputProperties output properties}
 * to be passed to the Transformer.
 *
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0
 */
```

Found in path(s):

```
* /opt/cola/permits/1740941590_1688941411.832932/0/spring-webmvc-6-0-10-sources-
jar/org/springframework/web/servlet/view/xslt/XsltView.java
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- \* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/InterceptorsBeanDefinitionParser.java
- \* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/resource/ResourceTransformer.java
- \*
- /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/mvc/condition/RequestCondition.java
- \* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurerComposite.java
- \* /opt/cola/permits/1740941590\_1688941411.832932/0/spring-webmvc-6-0-10-sources-jar/org/springframework/web/servlet/config/DefaultServletHandlerBeanDefinitionParser.java

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## 1.616 spring-beans 6.0.10

### 1.616.1 Available under license :

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* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/NamedBean.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/NullValueInNestedPathException.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/xml/UtilNamespaceHandler.java
*
/opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/support/ImplicitlyAppearedSingletonException.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/propertyeditors/ReaderEditor.java
```



```
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/BeanNameAware.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/xml/NamespaceHandlerResolver.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/propertyeditors/URLEditor.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/parsing/SourceExtractor.java
```

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*
/opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/config/BeanDefinitionCustomizer.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/BeanInitializationException.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/propertyeditors/InputStreamEditor.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/config/Scope.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/propertyeditors/FileEditor.java
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```

```
*/
/**
* Process the given { @link ConfigurableListableBeanFactory } instance
* ahead-of-time and return a contribution or { @code null }.
* <p>Processors are free to use any techniques they like to analyze the given
* bean factory. Most typically use reflection to find fields or methods to
* use in the
contribution. Contributions typically generate source code or
* resource files that can be used when the AOT optimized application runs.
* <p>If the given bean factory does not contain anything that is relevant to
* the processor, this method should return a { @code null } contribution.
* @param beanFactory the bean factory to process
* @return a { @link BeanFactoryInitializationAotContribution } or { @code null }
```

\*/

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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/aot/BeanFactoryInitializationAotProcessor.java  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/xml/DefaultNamespaceHandlerResolver.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/BeanDefinitionVisitor.java  
\*

/opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/YamlMapFactoryBean.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/ManagedProperties.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/PropertyEditorRegistrySupport.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/AutowireCapableBeanFactory.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/YamlProcessor.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/FactoryBeanRegistrySupport.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/RegisteredBean.java  
\*  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/PropertyDescriptorUtils.java

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 jar/org/springframework/beans/factory/config/ConfigurableBeanFactory.java  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
 jar/org/springframework/beans/factory/annotation/QualifierAnnotationAutowireCandidateResolver.java  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
 jar/org/springframework/beans/propertyeditors/CustomNumberEditor.java  
 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
 jar/org/springframework/beans/factory/support/ConstructorResolver.java  
 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-

jar/org/springframework/beans/factory/support/SimpleInstantiationStrategy.java  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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jar/org/springframework/beans/BeanUtils.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
jar/org/springframework/beans/factory/config/CustomScopeConfigurer.java  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
jar/org/springframework/beans/factory/config/MethodInvokingBean.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
jar/org/springframework/beans/support/ArgumentConvertingMethodInvoker.java  
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jar/org/springframework/beans/PropertyValue.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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jar/org/springframework/beans/BeanUtilsRuntimeHints.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/ServiceLocatorFactoryBean.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/aot/BeanDefinitionPropertiesCodeGenerator.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/RootBeanDefinition.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/support/ResourceEditorRegistrar.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/DefaultSingletonBeanRegistry.java  
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/opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/BeanDefinitionResource.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/AbstractBeanDefinition.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/ExtendedBeanInfo.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/AbstractBeanFactory.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/BeanFactory.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/aot/BeanInstanceSupplier.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/propertyeditors/PropertiesEditor.java  
\*  
/opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/BeanCreationException.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/TypeConverterDelegate.java  
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- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/AbstractPropertyAccessor.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/AutowiredCandidateResolver.java
- \*
- /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/aot/AotServices.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/aot/BeanRegistrationCodeFragmentsDecorator.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/propertyeditors/PathEditor.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/aot/AutowiredArgumentsCodeGenerator.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/AbstractNestablePropertyAccessor.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/aot/BeanDefinitionMethodGeneratorFactory.java
- \*
- /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/BeanDefinitionBuilder.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/TypedStringValue.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/BeanWrapperImpl.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/aot/DefaultBeanRegistrationCodeFragments.java
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jar/org/springframework/beans/TypeConverter.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/config/AutowiredPropertyMarker.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/config/YamlPropertiesFactoryBean.java
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- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/parsing/ReaderContext.java
- \*
- /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/annotation/Value.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/parsing/ParseState.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/serviceloader/ServiceListFactoryBean.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/DirectFieldAccessor.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/annotation/Lookup.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/parsing/QualifierEntry.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/BeanDefinitionDefaults.java
- \*
- /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/propertyeditors/URIEditor.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/FactoryBean.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/parsing/PropertyEntry.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/BeanDefinitionReaderUtils.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/parsing/BeanEntry.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/BeanDefinition.java
- \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/MapFactoryBean.java

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jar/org/springframework/beans/factory/annotation/AnnotatedBeanDefinition.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
jar/org/springframework/beans/factory/xml/AbstractSimpleBeanDefinitionParser.java  
\*

/opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
jar/org/springframework/beans/NotReadablePropertyException.java

\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
jar/org/springframework/beans/factory/SmartInitializingSingleton.java

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/\*\*

\* Process the given {@link RegisteredBean} instance ahead-of-time and

\* return a contribution or {@code null}.

\* <p>

\* Processors are free to use any techniques they like to analyze the given

\* instance. Most typically use reflection to find fields or methods to use

\* in the contribution. Contributions

typically generate source code or

\* resource files that can be used when the AOT optimized application runs.

\* <p>

\* If the given instance isn't relevant to the processor, it should return a

\* {@code null} contribution.

\* @param registeredBean the registered bean to process

\* @return a {@link BeanRegistrationAotContribution} or {@code null}

\*/



Found in path(s):

```
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/aot/BeanRegistrationAotProcessor.java
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* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/BeanNotOfRequiredTypeException.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/annotation/AnnotationBeanWiringInfoResolver.java
*
/opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/BeanFactoryExtensions.kt
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/propertyeditors/CustomDateEditor.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/BeanDefinitionStoreException.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/ObjectFactory.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/BeanInstantiationException.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/NoUniqueBeanDefinitionException.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/InitializingBean.java
*
/opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/DisposableBean.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/ObjectProvider.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/parsing/FailFastProblemReporter.java
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
 jar/org/springframework/beans/NotWritablePropertyException.java  
 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
 jar/org/springframework/beans/InvalidPropertyException.java  
 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
 jar/org/springframework/beans/MethodInvocationException.java  
 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
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 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
 jar/org/springframework/beans/factory/support/AutowireCandidateQualifier.java  
 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-  
 jar/org/springframework/beans/factory/config/DestructionAwareBeanPostProcessor.java  
 \* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-

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jar/org/springframework/beans/factory/support/MergedBeanDefinitionPostProcessor.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
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*
/opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/PropertyMatches.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/config/NamedBeanHolder.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/Aware.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/support/BeanDefinitionRegistry.java
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* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/xml/NamespaceHandler.java
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jar/org/springframework/beans/PropertyEditorRegistrar.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
jar/org/springframework/beans/factory/xml/DocumentLoader.java
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/opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
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jar/org/springframework/beans/factory/BeanIsAbstractException.java
* /opt/cola/permits/1740941103_1688941612.933005/0/spring-beans-6-0-10-sources-
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/support/SortDefinition.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/parsing/BeanDefinitionParsingException.java  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/parsing/ConstructorArgumentEntry.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/PropertyEditorRegistry.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/BeanExpressionException.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/parsing/EmptyReaderEventListener.java  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/MethodOverrides.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/BeanDefinitionHolder.java  
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/opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/xml/DefaultBeanDefinitionDocumentReader.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/ReplaceOverride.java  
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\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/BeanMetadataAttribute.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/support/ChildBeanDefinition.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/xml/SimplePropertyNamespaceHandler.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/config/RuntimeBeanNameReference.java  
\* /opt/cola/permits/1740941103\_1688941612.933005/0/spring-beans-6-0-10-sources-jar/org/springframework/beans/factory/xml/ParserContext.java

# 1.617 Icms 2.15

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# 1.618 operator-framework-operator-registry

## 1.28.0

### 1.618.1 Available under license :

```
Execute end-to-end tests for local development
```

To execute the end-to-end (e2e) test suite on your local development system, you have two options:

1. Use a dynamically generated kind server. Each run of the test suite will automatically start a new kind cluster, and will be torn down upon completion of tests.

1. Stand up your own minikube or other cluster and use kubeconfig. This option is good for starting a cluster and keeping it running even after the test suite has completed.

```
Kind without SSL
```

1. Start a registry server without using SSL

```
```bash
./scripts/start_registry.sh -s kind-registry
```
```

1. Start the e2e tests:

```
```bash
DOCKER_REGISTRY_HOST=localhost:5000 GOENV='GOOS=linux' make build e2e USEHTTP="true"
CLUSTER=kind
```
```

1. Run a specific BDD test using the `TEST` argument to make. Note that this argument uses regular expressions.

```
```bash
DOCKER_REGISTRY_HOST=localhost:5000 GOENV='GOOS=linux' make build e2e TEST='builds and
manipulates bundle
and index images' USEHTTP="true" CLUSTER=kind
```
```

1. If you want a quick way to ensure that your TEST regex argument will work, you can bypass the make file and use `--dry-run` with `--focus` and see if the regex would trigger your specific test(s).

```
```bash
go run github.com/onsi/ginkgo/v2/ginkgo --v --randomize-all --randomize-suites --race --dry-run --focus 'builds
and manipulates bundle and index images' -tags=json1,kind ./test/e2e
```
```

## ## Kind with SSL

1. Start a registry server with SSL (NOTE: SSL CA root will be installed and server cert/key will be generated)

```
```bash
./scripts/start_registry.sh kind-registry
```
```

1. Start the e2e tests:

```
```bash
DOCKER_REGISTRY_HOST=localhost:443 GOENV='GOOS=linux' make build e2e CLUSTER=kind
```
```

1. Run a specific BDD test using the `TEST` argument to make. Note that this argument uses regular expressions.

```
```bash
DOCKER_REGISTRY_HOST=localhost:443 GOENV='GOOS=linux' make build e2e TEST='builds and
manipulates
bundle and index images' CLUSTER=kind
```
```

1. If you want a quick way to ensure that your TEST regex argument will work, you can bypass the make file and use `--dry-run` with `--focus` and see if the regex would trigger your specific test(s).

```
```bash
go run github.com/onsi/ginkgo/v2/ginkgo --v --randomize-all --randomize-suites --race --dry-run --focus 'builds
and manipulates bundle and index images' -tags=json1,kind ./test/e2e
```
```

## ## Minikube (or other type) using kubeconfig without SSL

1. Install [minikube](https://minikube.sigs.k8s.io/docs/start/)

1. Create a minikube cluster

```
```bash
minikube start
```
```

1. Start a registry server without using SSL



```
```bash
./scripts/start_registry.sh -s minikube-registry
```
```

1. Start the e2e tests:

```
```bash
KUBECONFIG="$HOME/.kube/config" DOCKER_REGISTRY_HOST=localhost:5000 make build e2e
SKIPTLS="true"
```
```

1. Run a specific BDD test using the `TEST` argument to make. Note that this argument uses regular expressions.

```
```bash
KUBECONFIG="$HOME/.kube/config" DOCKER_REGISTRY_HOST=localhost:5000 make build e2e
TEST='builds and manipulates bundle and index images' SKIPTLS="true"
```
```

1. If you want a quick way to ensure that your TEST regex argument will work, you can bypass the make file and use `--dry-run` with `--focus` and see if the regex would trigger your specific test(s).

```
```bash
go run github.com/onsi/ginkgo/v2/ginkgo --v --randomize-all --randomize-suites --race --dry-run --focus 'builds
and manipulates bundle and index images' -tags=json1 ./test/e2e
```
```

TIP: use a non-dynamic `kind` server by using `kind get kubeconfig --name "kind" > /tmp/kindconfig` and set `KUBECONFIG="/tmp/kindconfig"`

## Minikube (or other type) using kubeconfig with SSL

1. Install [minikube](https://minikube.sigs.k8s.io/docs/start/)

1. Create a minikube cluster

```
```bash
minikube start
```
```

1. Start a registry server with SSL (NOTE: SSL CA root will be installed and server cert/key will be generated)

```
```bash
./scripts/start_registry.sh minikube-registry
```
```

1. Start the e2e tests:

```
```bash
KUBECONFIG="$HOME/.kube/config" DOCKER_REGISTRY_HOST=localhost:443 make build e2e
```
```

1. Run a specific BDD test using the `TEST` argument to make. Note that this argument uses regular expressions.

```
```bash
KUBECONFIG="$HOME/.kube/config" DOCKER_REGISTRY_HOST=localhost:443 make build e2e
TEST='builds and manipulates bundle and index images'
```
```

1. If you want a quick way to ensure that your TEST regex argument will work, you can bypass the make file and use `--dry-run` with `--focus` and see if the regex would trigger your specific test(s).

```
```bash
go run github.com/onsi/ginkgo/v2/ginkgo --v --randomize-all --randomize-suites --race --dry-run --focus 'builds
and manipulates bundle and index images' -tags=json1 ./test/e2e
```
```

TIP: use a non-dynamic `kind` server by using `kind get kubeconfig --name "kind" > /tmp/kindconfig` and set `KUBECONFIG="/tmp/kindconfig"`

## ## Known Limitations

Currently the test case `Launch bundle` in test/e2e/bundle\_image\_test.go assumes that the `opm` executable used in the test is compiled for linux.

If you run this test on a darwin environment, the kube job will not succeed unless you manually cross compile for linux and include the binary at `bin/opm`.

# Add database versioning and migrations to output database

Status: Pending

Version: alpha

Implementation owner: TBD

## ## Abstract

Proposal to add database versioning and migration capability to the output of operator-registry commands

## ## Motivation

In an attempt at optimizing the registry database usage in OLM to allow the registry database to be stored in a container image, a method is needed to add to the database over time. Since these database files will be long living, it becomes a requirement that the database can migrate to a new schema over time. This proposal attempts to solve that problem by implementing a method with which database versions can be migrated with existing db files over

time.

## ## Proposal

### ### Migration Method

At a high level, the migration method is relatively straightforward. The database will contain a current migration version and when any additive operation is called with an existing database as input, the first step will be to run the migration to upgrade the database schema to the latest version.

Rather than reinventing the database migration process, operator-registry will use an existing database migration tool that has already defined a set of semantics and conventions. This proposal suggests using the [golang-migrate](<https://github.com/golang-migrate/migrate>) tool for this purpose. Golang-migrate uses a set of conventions to define migrations.

Firstly, it defines migrations as a set of sql files that live in a flat database folder. Migrations are individually defined as a pair of up and down migration scripts. These up and down scripts each define a method of going to and back from a particular database version and should be opposites semantically. Each script pair has a unique 64 bit unsigned integer identifier followed by an underscore, as well as a title, a direction, and ends in the `.sql` extension: `${version}_${title}.${direction(down/up)}.sql`. The versions are ordered, with the lowest integer value coming first and the latest version defining the current database migration version in the db. For more details on the migration format, please see https://github.com/golang-migrate/migrate/blob/master/MIGRATIONS.md.`

...

```
example migrations folder
db_migrations
201909251522_add_users_table.up.sql
201909251522_add_users_table.down.sql
201909251510_first_migration.up.sql
201909251510_first_migration.down.sql
...
```

Once that migration schema is defined, whenever any additive operation is run against the database we will first use the migrate API to upgrade the schema to the latest version. See <https://godoc.org/github.com/golang-migrate/migrate#Migrate.Up> for more details on that API.

### ### Versioning fresh databases

One other consideration of note here is that the operator-registry database is not a long living database in the traditional sense, since the database is often created from scratch. All common migration tools do not generally account for such an edge case, so this proposal also defines a method of initializing the database at a particular migration version. Since the migration version is a matter of convention on file names, we can infer the migration version by parsing the migration folder and finding the latest migration script version. Then, once we initialize the database on startup we can use ``golang-migrate`` API to force the initial migration version. See <https://godoc.org/github.com/golang-migrate/migrate#Migrate.Force> for more details on that API.

### ### Schema Definition

One thing to note is the choice of how the database schema is defined. Currently that schema is defined in source code here in [pkg/sqlite/load.go](https://github.com/operator-framework/operator-registry/blob/master/pkg/sqlite/load.go#L29) as a list of create table statements.

However, once sql migrations are written the database schema is sometimes generated in two ways (through a migration upgrade or from scratch) as defined above. In that case, there are a few ways to do that. One is to leave the initial schema as is and use the migrations on a clean install as well -- but that means that the schema is not defined in one single human readable place. This can commonly be worked around by using a migration tool that can output an example of the sql schema for the purpose of development.

The other option, and the one that this proposal defines as the solution, is to keep the schema definition in `load.go` in sync with the changes defined in each migration. In this case, it is possible for the database to go out of sync on migration vs from scratch in the case where the migration was written properly. This can be easily mitigated by writing an automated test that always ensures that some initial bundle database can be migrated to a latest version and have the same schema as a clean database.

As a result, this implementation will require writing tests to ensure that the schema versioning is in sync between upgrade and scratch creation.

### ### Choice of Migration Tool

One

point of this proposal is deciding to use the `golang-migrate` project as a method of driving migration conventions and the migrations themselves. Below is a list of criteria that this tool fulfilled when making that choice:

- Popular and well supported
- Good documentation
- Supports lots of different database drivers, in the event that we move away from sqlite we can maintain the use of workflows around migrations
- No need to ship a migration binary, migration can be handled by importing `golang-migrate` and running in source
- Has a nice API for upgrading and reading the schema version for our scratch scenario that doesn't require us to expect a particular convention of database versioning
- Allows defining migration versions as timestamps

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# Add a new migration

Migrations live in `pkg/sqlite/migrations`.

Create a new file (and tests!) that increments the migration number:

```
```sh
touch pkg/sqlite/migrations/002_migration_description.go
touch pkg/sqlite/migrations/002_migration_description_test.go
```
```

Create the migration instance and register it:

```
```go
package migrations

import (
    "context"
    "database/sql"
)

// This should increment the value from the previous migration
const MyMigrationKey = 2

var myNewMigration = &Migration{
    // The id for this migration
    Id: MyMigrationKey,
    Up: func(ctx context.Context, tx *sql.Tx) error {
        // the up version of this migration
        return nil
    },
    Down: func(ctx context.Context, tx *sql.Tx) error {
        // the down version of this migration
        return nil
    },
}

// Register this migration
func init() {
    migrations[MyMigrationKey] = myNewMigration
}
```
```

See the existing migrations in the ``pkg/sqlite/migrations`` for examples of migrations and tests.

`# Releases`

`## opm`

Binary releases of opm are built by Github Actions, see `[release.yaml](../../github/workflows/release.yaml)` for details.

amd64 builds are produced for linux, macos, and windows.

opm follows semantic versioning, with the latest version derived from the newest semver tag.

`## Triggering a release`

Releases are triggered via tags. Make a new release by tagging a commit with an appropriate semver tag.

```
```console
$ git tag -a -m "operator-registry vX.Y.Z" vX.Y.Z
$ git push upstream vX.Y.Z
```
```

`## Checking the build`

Builds for a release can be found [on GitHub Actions](<https://github.com/operator-framework/operator-registry/actions>). After triggering a build, watch for logs. If the build is successful, a new [release](<https://github.com/operator-framework/operator-registry/releases>) should appear in GitHub. It will be a draft release, so once all the artifacts are available you need to edit the release to publish the draft.

`## Docker images`

The primary image produced

from this repository is `[quay.io/operator-framework/opm](https://quay.io/repository/operator-framework/opm)`. See `[goreleaser.yaml](../../github/workflows/goreleaser.yaml)` for details. The following tagging system is used for this image:

- ``:master`` - tracks this repository's ``master`` branch.
- ``:latest`` - tracks the highest semver tag in the repository.
- ``vX`` - tracks the highest semver tag with major version ``X``.
- ``vX.Y`` - tracks the highest semver tag with the major/minor version ``X.Y``.
- ``vX.Y.Z`` - pushed on every non-prerelease semver tag.

For each of the appropriate tags, the build configuration produces images and a manifest list for the following platforms:

- ``linux/amd64``
- ``linux/arm64``
- ``linux/s390x``
- ``linux/ppc64le``

Other deprecated images are also built via Quay triggers. The tags in Quay.io will match the git tag, and for these

images, `:latest` tracks the `master` branch:

- [quay.io/operator-framework/operator-registry-server](https://quay.io/repository/operator-framework/operator-registry-server)
- [quay.io/operator-framework/configmap-operator-registry](https://quay.io/repository/operator-framework/configmap-operator-registry)
- [quay.io/operator-framework/upstream-registry-builder](https://quay.io/repository/operator-framework/upstream-registry-builder?tab=tags)

It is recommended that you always pull by digest, and only use images that are tagged with a version.

# 1.619 nss 3.91-r0

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Ajay Joshi <jaj@google.com>  
Balzs Dn <balazs.dan@gmail.com>  
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David Anderson <danderson@google.com>  
Dean Sturtevant  
Eric Roman <eroman@chromium.org>  
Gene Volovich <gv@cite.com>  
Hady Zalek <hady.zalek@gmail.com>  
Hal Burch <gmock@hburch.com>  
Jeffrey Yasskin <jyasskin@google.com>  
Jim Keller <jimkeller@google.com>  
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Keith Ray <keith.ray@gmail.com>  
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Kostya Serebryany <kcc@google.com>  
Krystian Kuzniarek <krystian.kuzniarek@gmail.com>

Lev Makhlis  
Manuel Klimek <klimek@google.com>  
Mario Tanev <radix@google.com>  
Mark Paskin  
Markus Heule <markus.heule@gmail.com>  
Matthew Simmons <simmonmt@acm.org>  
Mika Raento <mikie@iki.fi>  
Mike Bland <mbland@google.com>  
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Owen Carlsen <ocarlsen@google.com>  
Paneendra Ba <paneendra@google.com>  
Pasi Valminen <pasi.valminen@gmail.com>  
Patrick Hanna <phanna@google.com>  
Patrick Riley <pfr@google.com>  
Paul Menage <menage@google.com>  
Peter Kaminski <piotrk@google.com>  
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Preston Jackson <preston.a.jackson@gmail.com>  
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Russ Cox <rsc@google.com>  
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Takeshi Yoshino <tyoshino@google.com>  
Tracy  
Bialik <tracy@pentad.com>  
Vadim Berman <vadimb@google.com>  
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# 1.620 opencontainers-image-spec 1.1.0-rc4

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Marti Maria

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Behdad Esfahbod  
David Corbett  
David Turner  
Ebrahim Byagowi  
Garret Rieger

Jonathan Kew  
Khaled Hosny  
Lars Knoll  
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org.fusesource.jansi version 2.4.0

org.apache.sshd 2.9.2

org.apache.felix.gogo.runtime 1.1.6

org.apache.felix.gogo.jline 1.1.8

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	GL/ glxext.h	Khronos
	GL/ wglxext.h	Khronos
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include/GL/gl.h :

Mesa 3-D  
graphics library

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```
include/GL/glex.h
include/GL/glxext.h
include/GL/wglxext.h :
```

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Main Author

-----

Marti Maria

Contributors

-----

Bob Friesenhahn

Kai-Uwe Behrmann

Stuart Nixon

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Richard Hughes

Auke Nauta

Chris Evans (Google)

Lorenzo Ridolfi

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Behdad Esfahbod  
David Corbett  
David Turner  
Ebrahim Byagowi  
Garret Rieger

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Mesa 3-D  
graphics library

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```
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Found in path(s):  
\* /opt/cola/permits/1748835333\_1689818117.4700866/0/micrometer-observation-1-11-2-sources-  
jar/io/micrometer/observation/transport/Kind.java  
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\* /opt/cola/permits/1748835333\_1689818117.4700866/0/micrometer-observation-1-11-2-sources-jar/io/micrometer/observation/contextpropagation/ObservationThreadLocalAccessor.java

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\* /opt/cola/permits/1748835333\_1689818117.4700866/0/micrometer-observation-1-11-2-sources-jar/io/micrometer/observation/NullObservation.java

## 1.629 spring-cloud-openfeign-core 4.0.3

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\* /opt/cola/permits/1748835317\_1689818120.2503598/0/spring-cloud-openfeign-core-4-0-3-jar/META-INF/maven/org.springframework.cloud/spring-cloud-openfeign-core/pom.xml

## 1.630 spring-cloud-starter 4.0.3

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\* /opt/cola/permits/1748835309\_1689818139.8196037/0/spring-cloud-starter-4-0-3-jar/META-INF/maven/org.springframework.cloud/spring-cloud-starter/pom.xml

## 1.631 spring-cloud-starter-openfeign 4.0.3

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\* /opt/cola/permits/1748835341\_1689818158.2766595/0/spring-cloud-starter-openfeign-4-0-3-jar/META-INF/maven/org.springframework.cloud/spring-cloud-starter-openfeign/pom.xml

## 1.632 spring-cloud-commons 4.0.3

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# 1.633 spring-web 6.0.11

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jar/org/springframework/web/cors/reactive/CorsConfigurationSource.java  
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\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/context/request/async/TimeoutCallableProcessingInterceptor.java  
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Found in path(s):

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/server/reactive/ReactorServerHttpResponse.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/converter/xml/MappingJackson2XmlHttpMessageConverter.java

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* Return the web session for the current request. Always guaranteed to
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* client, or with a new session id either because the client did not
```

```
* specify one or because the underlying session had expired. Use of this
```

```
* method
```

```
does not automatically create a session. See {@link WebSession}
```

```
* for more details.
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/server/ServerWebExchange.java

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

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Found in path(s):

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/service/invoker/RequestParamArgumentResolver.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/server/ServletServerHttpResponse.java

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/opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/codec/KotlinSerializationSupport.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/filter/AbstractRequestLoggingFilter.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/util/pattern/PathPatternRouteMatcher.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/server/reactive/NettyHeadersAdapter.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/filter/ServerHttpObservationFilter.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/converter/cbor/KotlinSerializationCborHttpMessageConverter.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/server/reactive/observation/ServerRequestObservationConvention.java

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/opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/server/MethodNotAllowedException.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/client/support/HttpRequestWrapper.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/cors/UrlBasedCorsConfigurationSource.java

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 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/server/session/HeaderWebSessionIdResolver.java  
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org.springframework.web.server.adapter.WebHttpHandlerBuilder\$SpringWebBlockHoundIntegration

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/opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/server/reactive/ReactorHttpHandlerAdapter.java  
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\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/bind/annotation/ResponseBody.java  
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jar/org/springframework/http/converter/HttpMessageNotReadableException.java  
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jar/org/springframework/http/codec/LoggingCodecSupport.java  
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- /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/converter/json/GsonHttpMessageConverter.java
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- \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/converter/StringHttpMessageConverter.java
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- \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/cors/reactive/UriBasedCorsConfigurationSource.java
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- /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/util/DefaultUriBuilderFactory.java
- \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/util/UriBuilderFactory.java
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- /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/multipart/support/StandardServletPartUtils.java
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jar/org/springframework/web/accept/ServletPathExtensionContentNegotiationStrategy.java  
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jar/org/springframework/http/server/ServerHttpAsyncRequestControl.java  
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jar/org/springframework/web/filter/CommonsRequestLoggingFilter.java
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jar/org/springframework/web/util/HttpSessionMutexListener.java
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jar/org/springframework/web/bind/support/SpringWebConstraintValidatorFactory.java
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The table below contains both registered and (common) unregistered types.
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here to guide configurations toward known types and to make it easier to
identify "new" types. File extensions are also commonly used to indicate
content languages and encodings, so choose them carefully.
#
Internet media types should be registered as described in RFC 4288.
The registry is at <https://www.iana.org/assignments/media-types/>.
#
This file was retrieved from
https://svn.apache.org/viewvc/httpd/httpd/trunk/docs/conf/mime.types?revision=1752884&view=co
#
MIME type (lowercased) Extensions
=====
#
application/1d-interleaved-parityfec
application/3gpdash-qoe-report+xml
application/3gpp-ims+xml
application/a2l
application/activemessage
application/alto-costmap+json
application/alto-costmapfilter+json
application/alto-directory+json
application/alto-endpointcost+json
```

# application/alto-endpointcostparams+json  
# application/alto-endpointprop+json  
# application/alto-endpointpropparams+json  
# application/alto-error+json  
# application/alto-networkmap+json  
# application/alto-networkmapfilter+json  
# application/aml  
application/andrew-inset ez  
# application/applefile  
application/applixware aw  
# application/atf  
# application/atfx  
application/atom+xml atom  
application/atomcat+xml atomcat  
# application/atomdeleted+xml  
# application/atomicmail  
application/atomsvc+xml atomsvc  
# application/atxml  
# application/auth-policy+xml  
# application/bacnet-xdd+zip  
# application/batch-smtp  
# application/beep+xml  
# application/calendar+json  
# application/calendar+xml  
#  
application/call-completion  
# application/cals-1840  
# application/cbor  
# application/ccmp+xml  
application/ccxml+xml ccxml  
# application/cdfx+xml  
application/cdmi-capability cdmia  
application/cdmi-container cdmic  
application/cdmi-domain cdmid  
application/cdmi-object cdmio  
application/cdmi-queue cdmiq  
# application/cdni  
# application/cea  
# application/cea-2018+xml  
# application/cellml+xml  
# application/cfw  
# application/cms  
# application/cnrx+xml  
# application/coap-group+json  
# application/commonground  
# application/conference-info+xml  
# application/cpl+xml  
# application/csrattrs

# application/csta+xml  
# application/cstadata+xml  
# application/csvm+json  
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# application/cybercash  
# application/dash+xml  
# application/dashdelta  
application/davmount+xml davmount  
# application/dca-rft  
# application/dcd  
# application/dec-dx  
# application/dialog-info+xml  
# application/dicom  
# application/dii  
# application/dit  
# application/dns  
application/docbook+xml dbk  
#  
application/dskpp+xml  
application/dssc+der dssc  
application/dssc+xml xdssc  
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# application/edi-consent  
# application/edi-x12  
# application/edifact  
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# application/fastinfoset  
# application/fastsoap  
# application/fdt+xml  
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application/font-tdpfr pfr  
application/font-woff woff  
# application/framework-attributes+xml

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application/gxf gxf  
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# application/ibe-pp-data  
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# application/index.obj  
# application/index.response  
# application/index.vnd  
application/inkml+xml ink inkml  
# application/iotp  
application/ipfix ipfix  
# application/ipp  
# application/isup  
# application/its+xml  
application/java-archive jar  
application/java-serialized-object ser  
application/java-vm class  
application/javascript js  
# application/jose  
# application/jose+json  
# application/jrd+json  
application/json json  
# application/json-patch+json  
# application/json-seq  
application/jsonml+json jsonml  
# application/jwk+json  
# application/jwk-set+json  
# application/jwt  
# application/kpml-request+xml  
# application/kpml-response+xml  
# application/ld+json  
# application/lgr+xml  
# application/link-format  
#  
application/load-control+xml  
application/lost+xml lostxml

# application/lostsync+xml  
# application/lxf  
application/mac-binhex40 hqx  
application/mac-compactpro cpt  
# application/macwriteii  
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# application/mbms-deregister+xml  
# application/mbms-envelope+xml  
# application/mbms-msk+xml  
# application/mbms-msk-response+xml  
# application/mbms-protection-description+xml  
# application/mbms-reception-report+xml  
# application/mbms-register+xml  
# application/mbms-register-response+xml  
# application/mbms-schedule+xml  
# application/mbms-user-service-description+xml  
application/mbox mbox  
# application/media-policy-dataset+xml  
# application/media\_control+xml  
application/mediaservercontrol+xml mscml  
# application/merge-patch+json  
application/metalink+xml metalink  
application/metalink4+xml meta4  
application/mets+xml mets  
#  
application/mf4  
# application/mikey  
application/mods+xml mods  
# application/moss-keys  
# application/moss-signature  
# application/mosskey-data  
# application/mosskey-request  
application/mp21 m21 mp21  
application/mp4 mp4s  
# application/mpeg4-generic  
# application/mpeg4-iod  
# application/mpeg4-iod-xmt  
# application/mrb-consumer+xml  
# application/mrb-publish+xml  
# application/msc-ivr+xml  
# application/msc-mixer+xml

application/msword doc dot  
application/mxf mxf  
# application/nasdata  
# application/news-checkgroups  
# application/news-groupinfo  
# application/news-transmission  
# application/nlsml+xml  
# application/nss  
# application/ocsp-request  
# application/ocsp-response  
application/octet-stream bin dms lrf mar so dist distz pkg bpk dump elc deploy  
application/oda oda  
# application/odx  
application/oebps-package+xml opf  
application/ogg ogx  
application/omdoc+xml omdoc  
application/onenote onetoc  
onetoc2 onetmp onepkg  
application/oxps oxps  
# application/p2p-overlay+xml  
# application/parityfec  
application/patch-ops-error+xml xer  
application/pdf pdf  
# application/pdx  
application/pgp-encrypted pgp  
# application/pgp-keys  
application/pgp-signature asc sig  
application/pics-rules prf  
# application/pidf+xml  
# application/pidf-diff+xml  
application/pkcs10 p10  
# application/pkcs12  
application/pkcs7-mime p7m p7c  
application/pkcs7-signature p7s  
application/pkcs8 p8  
application/pkix-attr-cert ac  
application/pkix-cert cer  
application/pkix-crl crl  
application/pkix-pkipath pkipath  
application/pkixcmp pki  
application/pls+xml pls  
# application/poc-settings+xml  
application/postscript ai eps ps  
# application/ppsp-tracker+json  
# application/problem+json  
# application/problem+xml  
# application/provenance+xml  
# application/prs.alvestrand.titrax-sheet

application/prs.cww cww  
# application/prs.hpub+zip  
#  
application/prs.nprend  
# application/prs.plucker  
# application/prs.rdf+xml-crypt  
# application/prs.xsf+xml  
application/pskc+xml pskcxml  
# application/qsig  
# application/raptorfec  
# application/rdap+json  
application/rdf+xml rdf  
application/reginfo+xml rif  
application/relax-ng-compact-syntax rnc  
# application/remote-printing  
# application/reputon+json  
application/resource-lists+xml rl  
application/resource-lists-diff+xml rld  
# application/rfc+xml  
# application/riscos  
# application/rlmi+xml  
application/rls-services+xml rs  
application/rpki-ghostbusters gbr  
application/rpki-manifest mft  
application/rpki-roa roa  
# application/rpki-updown  
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application/rss+xml rss  
application/rtf rtf  
# application/rtploopback  
# application/rtx  
# application/samlassertion+xml  
# application/samlmetadata+xml  
application/sbml+xml sbml  
# application/scaip+xml  
# application/scim+json  
application/scvp-cv-request scq  
application/scvp-cv-response scs  
application/scvp-vp-request spq  
application/scvp-vp-response spp  
application/sdp sdp  
#  
application/sep+xml  
# application/sep-exi  
# application/session-info  
# application/set-payment  
application/set-payment-initiation setpay  
# application/set-registration



application/set-registration-initiation setreg  
# application/sgml  
# application/sgml-open-catalog  
application/shf+xml shf  
# application/sieve  
# application/simple-filter+xml  
# application/simple-message-summary  
# application/simplesymbolcontainer  
# application/slate  
# application/smil  
application/smil+xml smi smil  
# application/smpite336m  
# application/soap+fastinfoset  
# application/soap+xml  
application/sparql-query rq  
application/sparql-results+xml srx  
# application/spirits-event+xml  
# application/sql  
application/srgs gram  
application/srgs+xml grxml  
application/sru+xml sru  
application/ssdl+xml ssdl  
application/ssml+xml ssml  
# application/tamp-apex-update  
# application/tamp-apex-update-confirm  
# application/tamp-community-update  
#  
application/tamp-community-update-confirm  
# application/tamp-error  
# application/tamp-sequence-adjust  
# application/tamp-sequence-adjust-confirm  
# application/tamp-status-query  
# application/tamp-status-response  
# application/tamp-update  
# application/tamp-update-confirm  
application/tei+xml tei teicorpus  
application/thraud+xml tfi  
# application/timestamp-query  
# application/timestamp-reply  
application/timestamped-data tsd  
# application/ttml+xml  
# application/tve-trigger  
# application/ulpfec  
# application/urc-grpsheet+xml  
# application/urc-ressheet+xml  
# application/urc-targetdesc+xml  
# application/urc-uisocketdesc+xml  
# application/vcard+json

```
application/vcard+xml
application/vemmi
application/vividence.scriptfile
application/vnd.3gpp-prose+xml
application/vnd.3gpp-prose-pc3ch+xml
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application/vnd.3gpp.mid-call+xml
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application/vnd.3gpp.pic-bw-small psb
application/vnd.3gpp.pic-bw-var pvb
#
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application/vnd.3gpp.srvcc-info+xml
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application/vnd.3gpp.ussd+xml
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application/vnd.3gpp2.sms
application/vnd.3gpp2.tcap tcap
application/vnd.3lightssoftware.imagescal
application/vnd.3m.post-it-notes pwn
application/vnd.accpac.simply.aso aso
application/vnd.accpac.simply.imp imp
application/vnd.acucobol acu
application/vnd.acucorp atc acutc
application/vnd.adobe.air-application-installer-package+zip air
application/vnd.adobe.flash.movie
application/vnd.adobe.formscentral.fcdt fcdt
application/vnd.adobe.fxp fxp fxpl
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application/vnd.adobe.xdp+xml xdp
application/vnd.adobe.xfdf xfdf
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application/vnd.ah-barcode
application/vnd.ahead.space ahead
application/vnd.airzip.filesecure.azf azf
application/vnd.airzip.filesecure.azs azs
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#
application/vnd.amazon.mobi8-ebook
application/vnd.americandynamics.acc acc
application/vnd.amiga.ami ami
application/vnd.amundsen.maze+xml
application/vnd.android.package-archive apk
application/vnd.anki
application/vnd.anser-web-certificate-issue-initiation cii
```

application/vnd.anser-web-funds-transfer-initiation fti  
application/vnd.antix.game-component atx  
# application/vnd.apache.thrift.binary  
# application/vnd.apache.thrift.compact  
# application/vnd.apache.thrift.json  
# application/vnd.api+json  
application/vnd.apple.installer+xml mpkg  
application/vnd.apple.mpegurl m3u8  
# application/vnd.arastra.swi  
application/vnd.aristanetworks.swi swi  
# application/vnd.artsquare  
application/vnd.astraea-software.iota iota  
application/vnd.audiograph aep  
# application/vnd.autopackage  
# application/vnd.avistar+xml  
# application/vnd.balsamiq.bmml+xml  
# application/vnd.balsamiq.bmpr  
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application/vnd.bekitzur-stech+json  
# application/vnd.biopax.rdf+xml  
application/vnd.blueice.multipass mpm  
# application/vnd.bluetooth.ep.oob  
# application/vnd.bluetooth.le.oob  
application/vnd.bmi bmi  
application/vnd.businessobjects rep  
# application/vnd.cab-jscript  
# application/vnd.canon-cpdl  
# application/vnd.canon-lips  
# application/vnd.cendio.thinlinc.clientconf  
# application/vnd.century-systems.tcp\_stream  
application/vnd.chemdraw+xml cdxml  
# application/vnd.chess-pgn  
application/vnd.chipnuts.karaoke-mmd mmd  
application/vnd.cinderella cdy  
# application/vnd.cirpack.isdn-ext  
# application/vnd.citationstyles.style+xml  
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application/vnd.cloanto.rp9 rp9  
application/vnd.clonk.c4group c4g c4d c4f c4p c4u  
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application/vnd.cluetrust.cartomobile-config-pkg c11amz  
# application/vnd.coffeescript  
# application/vnd.collection+json  
# application/vnd.collection.doc+json  
# application/vnd.collection.next+json  
#  
application/vnd.comicbook+zip  
# application/vnd.commerce-battelle

application/vnd.commonspace csp  
application/vnd.contact.cmsg cdbmsg  
# application/vnd.coreos.ignition+json  
application/vnd.cosmocaller cmc  
application/vnd.crick.clicker clkx  
application/vnd.crick.clicker.keyboard clkk  
application/vnd.crick.clicker.palette clkp  
application/vnd.crick.clicker.template clkt  
application/vnd.crick.clicker.wordbank clkw  
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application/vnd.ctc-posml pml  
# application/vnd.ctct.ws+xml  
# application/vnd.cups-pdf  
# application/vnd.cups-postscript  
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# application/vnd.cups-raster  
# application/vnd.cups-raw  
# application/vnd.curl  
application/vnd.curl.car car  
application/vnd.curl.pcurl pcurl  
# application/vnd.cyan.dean.root+xml  
# application/vnd.cybank  
application/vnd.dart dart  
application/vnd.data-vision.rdz rdz  
# application/vnd.debian.binary-package  
application/vnd.dece.data uvf uvvf  
uvd uvvd  
application/vnd.dece.ttml+xml uvt uvvt  
application/vnd.dece.unspecified uvx uvvx  
application/vnd.dece.zip uvz uvvz  
application/vnd.denovo.fcselayout-link fe\_launch  
# application/vnd.desmume.movie  
# application/vnd.dir-bi.plate-dl-nosuffix  
# application/vnd.dm.delegation+xml  
application/vnd.dna dna  
# application/vnd.document+json  
application/vnd.dolby.mlp mlp  
# application/vnd.dolby.mobile.1  
# application/vnd.dolby.mobile.2  
# application/vnd.doremir.scorecloud-binary-document  
application/vnd.dpgraph dpg  
application/vnd.dreamfactory dfac  
# application/vnd.drive+json  
application/vnd.ds-keypoint kpxx  
# application/vnd.dtg.local  
# application/vnd.dtg.local.flash  
# application/vnd.dtg.local.html  
application/vnd.dvb.ait ait

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application/vnd.dvb.dvbj
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application/vnd.dvb.ipdcesgaccess2
application/vnd.dvb.ipdcesgpdd
application/vnd.dvb.ipdcroaming
#
application/vnd.dvb.iptv.alfec-base
application/vnd.dvb.iptv.alfec-enhancement
application/vnd.dvb.notif-aggregate-root+xml
application/vnd.dvb.notif-container+xml
application/vnd.dvb.notif-generic+xml
application/vnd.dvb.notif-ia-msglist+xml
application/vnd.dvb.notif-ia-registration-request+xml
application/vnd.dvb.notif-ia-registration-response+xml
application/vnd.dvb.notif-init+xml
application/vnd.dvb.pfr
application/vnd.dvb.service svc
application/vnd.dxr
application/vnd.dynageo geo
application/vnd.dzr
application/vnd.easykaraoke.cdgdownload
application/vnd.ecdis-update
application/vnd.ecowin.chart mag
application/vnd.ecowin.filerequest
application/vnd.ecowin.fileupdate
application/vnd.ecowin.series
application/vnd.ecowin.seriesrequest
application/vnd.ecowin.seriesupdate
application/vnd.emclient.accessrequest+xml
application/vnd.enliven nml
application/vnd.enphase.envoy
application/vnd.eprints.data+xml
application/vnd.epson.esf esf
application/vnd.epson.msf msf
application/vnd.epson.quickanime qam
application/vnd.epson.salt slt
application/vnd.epson.ssf ssf
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application/vnd.ericsson.quickcall
application/vnd.esigno3+xml es3 et3
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application/vnd.etsi.cug+xml
application/vnd.etsi.iptvcommand+xml
application/vnd.etsi.iptvdiscovery+xml
```

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application/vnd.etsi.iptvprofile+xml
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#
 application/vnd.eudora.data
application/vnd.ezpix-album ez2
application/vnd.ezpix-package ez3
application/vnd.f-secure.mobile
application/vnd.fastcopy-disk-image
application/vnd.fdf fdf
application/vnd.fdsn.mseed mseed
application/vnd.fdsn.seed seed dataless
application/vnd.ffmpeg
application/vnd.filmit.zfc
application/vnd.fints
application/vnd.firemonkeys.cloudcell
application/vnd.flographit gph
application/vnd.fluxtime.clip ftc
application/vnd.font-fontforge-sfd
application/vnd.frameMaker fm frame maker book
application/vnd.frogans.fnc fnc
application/vnd.frogans.ltf ltf
application/vnd.fsc.weblaunch fsc
application/vnd.fujitsu.oasys oas
application/vnd.fujitsu.oasys2 oa2
application/vnd.fujitsu.oasys3 oa3
application/vnd.fujitsu.oasysgp fg5
application/vnd.fujitsu.oasysprs bh2
application/vnd.fujixerox.art-ex
application/vnd.fujixerox.art4
application/vnd.fujixerox.ddd ddd
application/vnd.fujixerox.docuworks xdw
application/vnd.fujixerox.docuworks.binder xbd
#
```

application/vnd.fujixerox.docuworks.container  
# application/vnd.fujixerox.hbpl  
# application/vnd.fut-misnet  
application/vnd.fuzzysheet fzs  
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# application/vnd.geo+json  
# application/vnd.geocube+xml  
application/vnd.geogebra.file ggb  
application/vnd.geogebra.tool ggt  
application/vnd.geometry-explorer gex gre  
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application/vnd.geospace g3w  
# application/vnd.gerber  
# application/vnd.globalplatform.card-content-mgt  
# application/vnd.globalplatform.card-content-mgt-response  
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# application/vnd.gov.sk.e-form+zip  
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application/vnd.groove-injector grv  
application/vnd.groove-tool-message gtm  
application/vnd.groove-tool-template tpl  
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application/vnd.hal+json  
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application/vnd.handheld-entertainment+xml zmm  
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# application/vnd.hcl-bireports  
# application/vnd.hdt  
# application/vnd.heroku+json  
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application/vnd.hp-hpid hpid  
application/vnd.hp-hps hps  
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application/vnd.hp-pclxl pclxl  
# application/vnd.httpphone  
application/vnd.hydrostatix.sof-data sfd-hdstx

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application/vnd.hyperdrive+json
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application/vnd.ibm.afplinedata
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application/vnd.ibm.secure-container sc
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icm
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application/vnd.igloader igl
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application/vnd.immervision-ivu ivu
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application/vnd.infotech.project
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application/vnd.innopath.wamp.notification
application/vnd.insors.igm igm
application/vnd.intercon.formnet xpw xpx
application/vnd.intergeo i2g
application/vnd.intertrust.digibox
application/vnd.intertrust.nncp
application/vnd.intu.qbo qbo
application/vnd.intu.qfx qfx
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application/vnd.iptc.g2.newsmesssage+xml
application/vnd.iptc.g2.packageitem+xml
application/vnd.iptc.g2.planningitem+xml
application/vnd.ipunplugged.rcprofile rcprofile
application/vnd.irepository.package+xml irp
application/vnd.is-xpr xpr
application/vnd.isac.fcs fcs
application/vnd.jam jam

```



```
application/vnd.japannet-directory-service
application/vnd.japannet-jpnstore-wakeup
application/vnd.japannet-payment-wakeup
application/vnd.japannet-registration
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application/vnd.jisp jisp
application/vnd.joost.joda-archive joda
application/vnd.jsk.isdn-ngn
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ktr
application/vnd.kde.karbon karbon
application/vnd.kde.kchart chrt
application/vnd.kde.kformula kfo
application/vnd.kde.kivio flw
application/vnd.kde.kontour kon
application/vnd.kde.kpresenter kpr kpt
application/vnd.kde.kspread ksp
application/vnd.kde.kword kwd kwt
application/vnd.kenameaapp htke
application/vnd.kidspiration kia
application/vnd.kinar kne knp
application/vnd.koan skp skd skt skm
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application/vnd.liberty-request+xml
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application/vnd.lotus-1-2-3 123
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application/vnd.lotus-freelance pre
application/vnd.lotus-notes nsf
application/vnd.lotus-organizer org
application/vnd.lotus-screencam scm
application/vnd.lotus-wordpro lwp
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application/vnd.marlin.drm.conftoken+xml
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application/vnd.mason+json
application/vnd.maxmind.maxmind-db
application/vnd.mcd mcd
```

application/vnd.medcalldata mc1  
application/vnd.mediastation.cdkey cdkey  
# application/vnd.meridian-slideshow  
application/vnd.mfer mwf  
application/vnd.mfmp mfm  
# application/vnd.micro+json  
application/vnd.micrografx.flo flo  
application/vnd.micrografx.igx igx  
# application/vnd.microsoft.portable-executable  
# application/vnd.miele+json  
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application/vnd.mobius.dis dis  
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application/vnd.mophun.certificate mpc  
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# application/vnd.motorola.flexsuite.adi  
# application/vnd.motorola.flexsuite.fis  
# application/vnd.motorola.flexsuite.gotap  
# application/vnd.motorola.flexsuite.kmr  
# application/vnd.motorola.flexsuite.ttc  
# application/vnd.motorola.flexsuite.wem  
# application/vnd.motorola.iprm  
application/vnd.mozilla.xul+xml xul  
# application/vnd.ms-3mfdocument  
application/vnd.ms-artgalry cil  
# application/vnd.ms-asf  
application/vnd.ms-cab-compressed cab  
# application/vnd.ms-color.iccprofile  
application/vnd.ms-excel xls xlm xla xlc xlt xlw  
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application/vnd.ms-excel.sheet.binary.macroenabled.12 xlsb  
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application/vnd.ms-fontobject eot  
application/vnd.ms-htmlhelp chm  
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application/vnd.ms-lrm lrm  
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application/vnd.ms-officetheme thmx

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application/vnd.ms-opentype  
# application/vnd.ms-package.obfuscated-opentype  
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application/vnd.ms-pki.stl stl  
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application/vnd.ms-powerpoint.slideshow.macroenabled.12 ppsm  
application/vnd.ms-powerpoint.template.macroenabled.12 potm  
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# application/vnd.msa-disk-image  
application/vnd.mseq mseq  
# application/vnd.msign  
# application/vnd.multiad.creator  
# application/vnd.multiad.creator.cif  
# application/vnd.music-niff  
application/vnd.musician mus  
application/vnd.muvee.style msty  
application/vnd.mynfc taglet  
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# application/vnd.ncd.reference  
# application/vnd.nervana  
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# application/vnd.oma.bcast.sprov+xml  
# application/vnd.oma.bcast.stkm  
# application/vnd.oma.cab-address-book+xml  
#  
application/vnd.oma.cab-feature-handler+xml  
# application/vnd.oma.cab-pcc+xml  
# application/vnd.oma.cab-subs-invite+xml  
# application/vnd.oma.cab-user-prefs+xml  
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# application/vnd.oma.drm.risd+xml  
# application/vnd.oma.group-usage-list+xml  
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# application/vnd.openxmlformats-officedocument.vmldrawing  
# application/vnd.openxmlformats-officedocument.wordprocessingml.comments+xml  
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# application/vnd.openxmlformats-package.relationships+xml  
# application/vnd.oracle.resource+json  
# application/vnd.orange.indata  
# application/vnd.osa.netdeploy  
application/vnd.osgeo.mapguide.package mgp

```
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application/vnd.osgi.dp dp
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application/vnd.piaccess.application-licence
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# application/vnd.radisys.msml-dialog-fax-sendrecv+xml  
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# application/vnd.rapid  
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# application/vnd.rs-274x  
# application/vnd.ruckus.download  
# application/vnd.s3sms  
application/vnd.sailingtracker.track st  
# application/vnd.sbm.cid  
# application/vnd.sbm.mid2  
# application/vnd.scribus  
# application/vnd.sealed.3df  
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twds  
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susp  
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application/vnd.tmobile-livetv tmo

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# application/vnd.wv.ssp+xml  
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# application/vnd.xmpie.ppkg  
# application/vnd.xmpie.xlim  
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# application/vnd.yamaha.tunnel-udpencap  
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# application/watcherinfo+xml  
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# application/whoispp-response  
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# application/wita  
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application/x-abiword abw

application/x-ace-compressed ace  
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application/x-authorware-seg aas  
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application/x-conference nsc  
application/x-cpio cpio  
application/x-csh csh  
application/x-debian-package deb udeb  
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application/x-director dir dcr dxr cst cct cxt w3d fgd swa  
application/x-doom wad  
application/x-dtbncx+xml ncx  
application/x-dtbook+xml dtb  
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application/x-java-jnlp-file jnlp  
application/x-latex latex  
application/x-lzh-compressed lzh lha  
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application/x-mobipocket-ebook prc  
mobi  
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application/x-ms-xbap xbap  
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application/x-msterial trm  
application/x-mswrite wri  
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application/x-pkcs7-certreqresp p7r  
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application/x-research-info-systems ris  
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application/x-stuffitx sitx  
application/x-subrip srt  
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application/x-tads gam  
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application/x-xliff+xml xlf  
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application/x-xz xz  
application/x-zmachine z1 z2 z3 z4 z5 z6 z7 z8  
# application/x400-bp  
# application/xacml+xml  
application/xaml+xml xaml  
# application/xcap-att+xml  
# application/xcap-caps+xml  
application/xcap-diff+xml xdf  
# application/xcap-el+xml  
# application/xcap-error+xml  
# application/xcap-ns+xml  
# application/xcon-conference-info+xml  
# application/xcon-conference-info-diff+xml  
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xht  
# application/xhtml-voice+xml  
application/xml xml xsl  
application/xml-dtd dtd  
# application/xml-external-parsed-entity  
# application/xml-patch+xml  
# application/xmpp+xml  
application/xop+xml xop  
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application/xspf+xml xspf  
application/xv+xml mxml xhvm xvm xvm  
application/yang yang  
application/yin+xml yin  
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# application/zlib

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# audio/ac3  
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# audio/atrac-advanced-lossless  
# audio/atrac-x  
# audio/atrac3  
audio/basic au snd  
# audio/bv16  
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# audio/dat12  
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# audio/dsr-es202050  
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# audio/example  
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# audio/g711-0  
# audio/g719



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# audio/g729e  
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# audio/mobile-xmf  
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audio/mpeg mpga mp2 mp2a mp3 m2a m3a  
# audio/mpeg4-generic  
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audio/ogg oga ogg spx  
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# audio/qcelp  
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audio/s3m s3m

audio/silk sil  
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chemical/x-cif cif  
chemical/x-cmdf cmdf  
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# chemical/x-pdb  
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# image/naplps  
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#

image/prs.pti  
# image/pwg-raster  
image/sgi sgi  
image/svg+xml svg svgz  
# image/t38  
image/tiff tiff tif  
# image/tiff-fx  
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# image/vnd.airzip.accelerator.azv  
# image/vnd.cns.inf2  
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image/vnd.fastbidsheet fbs  
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fhc fh4 fh5 fh7  
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image/x-mrsid-image sid  
image/x-pcx pcx  
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# message/disposition-notification  
# message/example  
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# message/feedback-report  
# message/global  
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# message/global-disposition-notification  
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# message/http  
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# message/news  
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# message/s-http  
# message/sip  
# message/sipfrag  
# message/tracking-status  
# message/vnd.si.simp  
# message/vnd.wfa.wsc  
# model/example  
# model/gltf+json  
model/iges igs iges  
model/mesh msh mesh silo  
model/vnd.collada+xml dae  
model/vnd.dwf dwf  
#  
model/vnd.flatland.3dml  
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# model/vnd.gs-gdl  
# model/vnd.gs.gdl  
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# model/vnd.moml+xml  
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# model/vnd.parasolid.transmit.text  
# model/vnd.rosette.annotated-data-model

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model/vnd.vtu vtu
model/vrml wrl vrml
model/x3d+binary x3db x3dbz
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model/x3d+vrml x3dv x3dvz
model/x3d+xml x3d x3dz
model/x3d-vrml
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multipart/appledouble
multipart/byteranges
multipart/digest
multipart/encrypted
multipart/example
multipart/form-data
multipart/header-set
multipart/mixed
multipart/parallel
multipart/related
multipart/report
multipart/signed
multipart/voice-message
multipart/x-mixed-replace
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text/directory
text/dns
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text/encaprtpt
text/enriched
text/example
text/fwdred
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text/provenance-notation
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text/tab-separated-values tsv
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text/turtle ttl
text/ulpfec
text/uri-list uri uris urls
text/vcard vcard
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text/vnd.curl curl
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video/ogg ogv  
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# video/vnd.sealed.swf  
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video/vnd.uvu.mp4 uvu uvvu  
video/vnd.vivo viv  
# video/vp8

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video/x-sgi-movie movie  
video/x-smv smv  
x-conference/x-cooltalk ice

#### Found

in path(s):

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/mime.types

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

/\*

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\*/

Found in path(s):

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/method/annotation/ExceptionHandlerMethodResolver.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/util/pattern/PatternParseException.java

\*

/opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/context/request/RequestContextHolder.java

\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/bind/support/DefaultDataBinderFactory.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/jsf/el/WebApplicationContextFacesELResolver.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
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 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
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 jar/org/springframework/web/method/support/CompositeUriComponentsContributor.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/http/codec/xml/Jaxb2XmlEncoder.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/util/UriComponents.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/multipart/support/RequestPartServletServerHttpRequest.java  
 \*  
 /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/http/server/reactive/AbstractListenerWriteFlushProcessor.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/http/codec/multipart/FilePart.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/accept/ContentNegotiationManagerFactoryBean.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/method/annotation/RequestHeaderMethodArgumentResolver.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/http/client/reactive/JdkClientHttpConnector.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/filter/FormContentFilter.java  
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 jar/org/springframework/web/jsf/DecoratingNavigationHandler.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/SpringServletContainerInitializer.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/http/client/OkHttp3ClientHttpRequestFactory.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/http/codec/multipart/FileStorage.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/http/server/reactive/WriteResultPublisher.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/util/HtmlCharacterEntityDecoder.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/http/server/PathContainer.java  
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 /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/bind/annotation/CrossOrigin.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/multipart/MultipartFile.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/multipart/support/AbstractMultipartHttpServletRequest.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/context/support/RequestHandledEvent.java  
 \* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-  
 jar/org/springframework/web/filter/reactive/HiddenHttpMethodFilter.java

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* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/multipart/support/DefaultMultipartHttpServletRequest.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/HttpEntity.java
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/opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/bind/support/WebBindingInitializer.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/filter/ForwardedHeaderFilter.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/util/HtmlUtils.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/util/UriTemplate.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/server/ServletServerHttpAsyncRequestControl.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/client/reactive/JettyClientHttpConnector.java
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jar/org/springframework/http/server/reactive/AbstractListenerServerHttpResponse.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/bind/EscapedErrors.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/codec/FormHttpMessageWriter.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/HttpCookie.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/converter/protobuf/ProtobufJsonFormatHttpMessageConverter.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/codec/ServerSentEvent.java
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jar/org/springframework/web/method/annotation/AbstractNamedValueMethodArgumentResolver.java
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* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/converter/HttpMessageConverter.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/context/support/HttpRequestHandlerServlet.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/HttpRequestHandler.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/cors/reactive/PreFlightRequestWebFilter.java
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\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/context/support/ServletContextScope.java  
\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/client/support/BasicAuthenticationInterceptor.java  
\*  
/opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/http/codec/cbor/Jackson2CborEncoder.java  
\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/client/HttpClientErrorException.java  
\* /opt/cola/permits/1748835301\_1689818156.847007/0/spring-web-6-0-11-sources-jar/org/springframework/web/method/support/AsyncHandlerMethodReturnValueHandler.java

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* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/converter/xml/AbstractJaxb2HttpMessageConverter.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/client/UnknownHttpStatusCodeException.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/client/HttpStatusCodeException.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/bind/annotation/RestControllerAdvice.java
*
/opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/bind/annotation/ControllerAdvice.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/codec/xml/JaxbContextContainer.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/context/request/ServletRequestAttributes.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/client/RestOperationsExtensions.kt
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/server/ServerHttpRequest.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/cors/reactive/CorsWebFilter.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/client/ClientHttpRequestInitializer.java
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/opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/codec/cbor/Jackson2CborDecoder.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/accept/FixedContentNegotiationStrategy.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/codec/support/DefaultServerCodecConfigurer.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/server/handler/WebHandlerDecorator.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/accept/MediaTypeFileExtensionResolver.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/http/client/SimpleClientHttpResponse.java
* /opt/cola/permits/1748835301_1689818156.847007/0/spring-web-6-0-11-sources-
jar/org/springframework/web/method/annotation/AbstractWebArgumentResolverAdapter.java

```

## 1.634 spring-cloud-context 4.0.3

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\* /opt/cola/permits/1748835325\_1689818252.5244875/0/spring-cloud-context-4-0-3-jar/META-INF/maven/org.springframework.cloud/spring-cloud-context/pom.xml

# 1.635 python-pip 23.2.1

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v

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#### A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://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 <https://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

Python releases are Open Source (see <https://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                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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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.

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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 |
| 2.2   | 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 |
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| 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 |
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| 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 |
| 2.6.1 | 2.6       | 2008      | PSF | yes |
| 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 |
| 3.0   | 2.6       | 2008      | PSF | yes |
| 3.0.1 | 3.0       | 2009      | PSF | yes |
| 3.1   | 3.0.1     | 2009      | PSF | yes |
| 3.1.1 | 3.1       | 2009      | PSF | yes |
| 3.1.2 | 3.1       | 2010      | PSF | yes |
| 3.2   | 3.1       | 2010      | PSF | yes |

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## 1.639 jmx\_prometheus\_common 0.19.0

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Found in path(s):

```
* /opt/cola/permits/1754202666_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-
jar/io/prometheus/jmx/common/http/HTTPServerFactory.java
* /opt/cola/permits/1754202666_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-
jar/io/prometheus/jmx/common/util/Precondition.java
*
/opt/cola/permits/1754202666_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-
jar/io/prometheus/jmx/common/yaml/YamlMapAccessor.java
* /opt/cola/permits/1754202666_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-
```

jar/io/prometheus/jmx/common/http/ConfigurationException.java  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/http/authenticator/PlaintextAuthenticator.java  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/http/authenticator/MessageDigestAuthenticator.java  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/http/authenticator/PBKDF2Authenticator.java  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/http/authenticator/CacheKey.java  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/http/authenticator/HexString.java  
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\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/META-INF/maven/io.prometheus.jmx/jmx\_prometheus\_common/pom.xml  
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Found in path(s):

\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/configuration/ValidatStringIsNotBlank.java  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/http/ssl/SSLContextFactory.java  
\*  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/configuration/ConvertToString.java  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/configuration/ConvertToInteger.java  
\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/configuration/ValidateIntegerInRange.java

\* /opt/cola/permits/1754202666\_1690498330.0285392/0/jmx-prometheus-common-0-19-0-sources-jar/io/prometheus/jmx/common/configuration/ConvertToMapAccessor.java

## 1.640 collector 0.19.0

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\* /opt/cola/permits/1754202656\_1690498325.8852725/0/collector-0-19-0-sources-jar/io/prometheus/jmx/BuildInfoCollector.java

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Found in path(s):

\* /opt/cola/permits/1754202656\_1690498325.8852725/0/collector-0-19-0-sources-jar/META-INF/maven/io.prometheus.jmx/collector/pom.xml

## 1.641 jmx-prometheus-javaagent 0.19.0

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Found in path(s):

\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_tracer\_otel\_agent/pom.xml

\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-

INF/maven/io.prometheus/simpleclient/pom.xml  
\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus.jmx/collector/pom.xml  
\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus.jmx/jmx\_prometheus\_common/pom.xml  
\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_common/pom.xml  
\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus.jmx/jmx\_prometheus\_javaagent/pom.xml  
\*  
/opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_hotspot/pom.xml  
\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_tracer\_common/pom.xml  
\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_tracer\_otel/pom.xml  
\* /opt/cola/permits/1754202664\_1690498328.071643/0/jmx-prometheus-javaagent-0-19-0-sources-jar/META-INF/maven/io.prometheus/simpleclient\_httpserver/pom.xml  
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# 1.642 grpc-go 1.57.0

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## 1.643 openssl 3.1.2-r0

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# 1.645 compose-spec-compose-go 1.18.1

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## 1.646 buildkit 0.12.1

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// SPDX Document for version 2.2 of the spec.
type OtherLicense struct {
// 10.1: License Identifier: "LicenseRef-[idstring]"
// Cardinality: conditional (mandatory, one) if license is not
// on SPDX License List
LicenseIdentifier string `json:"licenseId"`

// 10.2: Extracted Text
// Cardinality: conditional (mandatory, one) if there is a
// License Identifier assigned
ExtractedText string `json:"extractedText"`

// 10.3: License Name: single line of text or "NOASSERTION"
// Cardinality: conditional (mandatory, one) if license is not
// on SPDX License List
LicenseName string `json:"name,omitempty"`

// 10.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
// is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

//
10.5: License Comment
// Cardinality: optional, one
LicenseComment string `json:"comment,omitempty"`
}

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Paul Borman <[borman@google.com](mailto:borman@google.com)>

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theory

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```
// SPDX-License-Identifier: Apache-2.0 OR GPL-2.0-or-later
```

```
package v2_1
```

```
// OtherLicense is an Other License Information section of an
// SPDX Document for version 2.1 of the spec.
```

```
type OtherLicense struct {
```

```
 // 6.1: License Identifier: "LicenseRef-[idstring]"
```

```
 // Cardinality: conditional (mandatory, one) if license is not
```

```
 // on SPDX License List
```

```
 LicenseIdentifier string `json:"licenseId"`
```

```
 // 6.2: Extracted Text
```

```
 // Cardinality: conditional (mandatory, one) if there is a
```

```
 // License Identifier assigned
```

```
 ExtractedText string `json:"extractedText"`
```

```
 // 6.3: License Name: single line of text or "NOASSERTION"
```

```
 // Cardinality: conditional (mandatory, one) if license is not
```

```
 // on SPDX License List
```

```
 LicenseName string `json:"name,omitempty"`
```

```
 // 6.4: License Cross Reference
```

```
 // Cardinality: conditional (optional, one or many) if license
```

```
 // is not on SPDX License List
```

```
 LicenseCrossReferences []string `json:"seeAlsos,omitempty"`
```

```
 // 6.5:
```

```
 License Comment
```

```
 // Cardinality: optional, one
```

```
 LicenseComment string `json:"comment,omitempty"`
```

```
}
```

```
Copyright (c) the purl authors
```

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package v2\_3

// OtherLicense is an Other License Information section of an SPDX Document  
type OtherLicense struct {

```

// 10.1: License Identifier: "LicenseRef-[idstring]"
// Cardinality: conditional (mandatory, one) if license is not
// on SPDX License List
LicenseIdentifier string `json:"licenseId"`

// 10.2: Extracted Text
// Cardinality: conditional (mandatory, one) if there is a
// License Identifier assigned
ExtractedText string `json:"extractedText"`

// 10.3: License Name: single line of text or "NOASSERTION"
// Cardinality: conditional (mandatory, one) if license is not
// on SPDX License List
LicenseName string `json:"name,omitempty"`

// 10.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
// is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

// 10.5: License Comment
// Cardinality:
// optional, one
LicenseComment string `json:"comment,omitempty"`
}

```

procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogeralsing@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

Vyacheslav Kim <kane@sendgrid.com>

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[localtime.go](https://github.com/pelletier/localtime.go), [localtime\\_test.go](https://github.com/pelletier/localtime_test.go):

Originals:

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Changes:

- \* Renamed files from `civil*` to `localtime*`.
- \* Package changed from `civil` to `toml`.
- \* 'Local' prefix added to all structs.



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-----  
For the aclocal/ax\_boost\_base.m4 and contrib/fb303/aclocal/ax\_boost\_base.m4 components:

```
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```

-----  
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```
/*
 json_parse.js
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
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*/
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
```

```
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-----  
Codegen template

in t\_html\_generator.h

\* Bootstrap v2.0.3

\*

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For t\_cl\_generator.cc

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# 1.647 genproto-googleapis-api 0.0.0-20230525234035-dd9d682886f9

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# 1.648 golang-genproto 0.0.0-20230526161137-0005af68ea54

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[src/readfloat.c]

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author: Yasuhiro Matsumoto (@mattn)  
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The original code can be found in <https://github.com/mattn/strtod>

[src/fmt\_fp.c]

The code in this function was inspired from Fred Bayer's pdouble.c.  
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Dave Hylands

The original code can be found in <https://github.com/dhylands/format-float>

[mrbgems/mruby-dir/src/Win/dirent.c] used only for Windows platform

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```
set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
```

set style fill solid border -1

mruby-set

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## 1.651 kube-openapi 0.0.0-20221012153701-172d655c2280

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```

package spec

```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL string `json:"url,omitempty"`
}
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```

package spec

```
import "testing"
```

```
func TestIntegrationLicense(t *testing.T) {
 license := License{Name: "the name", URL: "the url"}
 const licenseJSON = `{"name":"the name","url":"the url"}`
 const licenseYAML = "name: the name\nurl: the url\n"

 assertSerializeJSON(t, license, licenseJSON)
 assertParsesJSON(t, licenseJSON, license)
}
```

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# 1.652 yaml 1.3.0

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# 1.653 sigs.k8s.io-json 0.0.0-20221116044647-bc3834ca7abd

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## 1.654 protobuf 1.28.1

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## 1.655 structured-merge-diff 4.2.3

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# Name <email address>

Raul Silvera <rsilvera@google.com>

Tipp Moseley <tipp@google.com>

Hyoun Kyu Cho <netforce@google.com>

Martin Spier <spiermar@gmail.com>

Taco de Wolff <tacodewolff@gmail.com>

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David Williamson <david.williamson@docker.com> (github: davidwilliamson)

Aaron Lehmann <aaron.lehmann@docker.com> (github: aaronlehmann)

Lewis Marshall <lewis@flynn.io> (github: lmars)

Jonathan Rudenberg <jonathan@flynn.io> (github: titanous)

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procds provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Brian Goff <[cpuguy83@gmail.com](mailto:cpuguy83@gmail.com)>

Clayton Coleman <[ccoleman@redhat.com](mailto:ccoleman@redhat.com)>

Denis Smirnov <[denis.smirnov.91@gmail.com](mailto:denis.smirnov.91@gmail.com)>

DongYun Kang <[ceram1000@gmail.com](mailto:ceram1000@gmail.com)>

Dwayne Schultz <[dschultz@pivotal.io](mailto:dschultz@pivotal.io)>

Georg Apitz <[gapitz@pivotal.io](mailto:gapitz@pivotal.io)>

Gustav Paul <[gustav.paul@gmail.com](mailto:gustav.paul@gmail.com)>

Johan Brandhorst <[johan.brandhorst@gmail.com](mailto:johan.brandhorst@gmail.com)>

John Shahid <[jvshahid@gmail.com](mailto:jvshahid@gmail.com)>

John Tuley <[john@tuley.org](mailto:john@tuley.org)>

Laurent <[laurent@adyoulike.com](mailto:laurent@adyoulike.com)>

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Tamir Duberstein <[tamird@gmail.com](mailto:tamird@gmail.com)>

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## 1.665 bridgeutils 1.36.1-r2

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jar/jvmTest/okio/ZipFileSystemTest.kt  
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jar/jvmTest/okio/FileHandleTestingFileSystem.kt  
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jar/jvmTest/okio/JvmSystemFileSystemTest.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/JvmTest.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nativeMain/okio/-Cinterop.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-
jar/commonMain/okio/FileMetadata.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-
jar/jvmTest/okio/internal/HmacTest.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nativeMain/okio/FileSink.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jsMain/okio/-JsPlatform.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/PathTest.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-
jar/jvmMain/okio/NioSystemFileSystem.kt
*
/opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-
jar/appleTest/okio/AppleByteStringTest.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jsMain/okio/FileSystem.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/linuxX64Main/okio/-
LinuxX64PosixVariant.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-
jar/commonMain/okio/ExperimentalFileSystem.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-
jar/jvmMain/okio/JvmSystemFileSystem.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-
jar/nativeTest/okio/NativeSystemFileSystemTest.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/internal/-
Path.kt
* /opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-
jar/commonTest/okio/UnsafeCursorTest.kt
*
/opt/cola/permits/1779683680_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nonJvmMain/okio/HashingSink.kt
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- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/-DeprecatedUtf8.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/ByteStringKotlinTest.kt
- \*
- /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/-DeprecatedOkio.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/ForwardingTimeoutKotlinTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/GzipKotlinTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/PeekSource.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/ThrottlerTakeTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/BufferKotlinTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/NioTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/BufferCursorKotlinTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/PipeKotlinTest.kt
- \*
- /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/BufferCursorTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/ThrottlerTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/DeflateKotlinTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/ForwardingTimeoutTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/Utf8KotlinTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/Stopwatch.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/CommonOptionsTest.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/Throttler.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/OkioKotlinTest.kt

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\*

/opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/internal/zip.kt

\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/ZipFileSystem.kt

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\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/CipherAlgorithm.kt

\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/CipherSinkTest.kt

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/opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/hashFunctions/okio/internal/HashFunction.kt

/opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/hashFunctions/okio/internal/HashFunction.kt

\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/CipherFactory.kt

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 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/Source.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/CommonRealBufferedSinkTest.kt  
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 /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/AbstractBufferedSinkTest.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/AbstractBufferedSourceTest.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/BufferedSource.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nonJvmMain/okio/BufferedSink.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/BufferedSourceFactory.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/Buffer.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/util.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/Okio.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/CommonOkioKotlinTest.kt  
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 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/BufferFactory.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/BufferCommonTest.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/Timeout.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nonJvmMain/okio/Sink.kt  
 \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-

jar/commonMain/okio/RealBufferedSource.kt

\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-

jar/nonJvmMain/okio/RealBufferedSink.kt

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\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/Sink.kt

\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-

jar/commonTest/okio/BufferedSinkFactory.kt

\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-

jar/commonTest/okio/CommonRealBufferedSourceTest.kt

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\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/-Util.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/ByteString.kt  
\*  
/opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/-  
CommonPlatform.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/internal/-  
Utf8.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/internal/-  
ByteString.kt  
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jar/commonTest/okio/ByteStringTest.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nonJvmMain/okio/-  
NonJvmPlatform.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nonJvmMain/okio/ByteString.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-  
jar/commonTest/okio/ByteStringFactory.kt  
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- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/BufferedSourceJavaTest.java
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- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/BufferedSourceTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/AsyncTimeoutTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/InflaterSourceTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nonJvmMain/okio/ForwardingSource.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/Sink.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonTest/okio/MockSink.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/RealBufferedSource.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/SegmentPool.kt
- \*
- /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/RealBufferedSink.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/DeflaterSinkTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/GzipSourceTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/BufferedSinkTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/Utf8Test.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/nonJvmMain/okio/RealBufferedSource.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/OkioTest.java
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/GzipSource.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/SegmentPool.kt
- \* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/JvmOkio.kt

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/opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/TestUtil.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/Segment.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/commonMain/okio/ForwardingSource.kt  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/BufferedSinkJavaTest.java  
\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmMain/okio/Buffer.kt  
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\* /opt/cola/permits/1779683680\_1693137064.5227244/0/okio-3-2-0-sources-2-jar/jvmTest/okio/ReadUtf8LineTest.java  
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jar/commonTest/okio/HashingTest.kt

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jar/jvmTest/okio/LargeStreamsTest.java

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jar/commonTest/okio/HashingSourceTest.kt

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```
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This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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# 1.669 utils 0.0.0-20230711102312-30195339c3c7

## 1.669.1 Available under license :

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---

layout: docs

page\_title: 'Commands: license'

description: |

The license command is used to interact with an enterprise license.

---

# Command: license

~> License commands are only available with Nomad Enterprise.

The `license` commands can be used to retrieve license information from a server, or inspect and validate a license.

Click [\[here\]](https://www.hashicorp.com/products/nomad/trial)(<https://www.hashicorp.com/products/nomad/trial>) to get a trial license for Nomad Enterprise.

## Usage

Usage: `nomad license <subcommand> [options]`

Run `nomad license <subcommand> -h` for help on that subcommand. The following subcommands are available:

- [`license get`][`get`] - Get the current license from a server
- [`license inspect`][`inspect`] - Inspect and validate a license

[`get`]: /nomad/docs/commands/license/get 'Get the current license from a server'

[`inspect`]: /nomad/docs/commands/license/inspect 'Inspect and validate a license'

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---

layout: docs

page\_title: Nomad Enterprise Licensing

description: >-

Learn about how Nomad Enterprise licensing works.

---

## Nomad Enterprise Licensing

Licensing capabilities were added to Nomad Enterprise v0.12.0. Each server in the cluster must have a license to start. Nomad Enterprise can be downloaded from

the [releases site].

Click [here](https://www.hashicorp.com/go/nomad-enterprise) to set up a demo of Nomad Enterprise or [here](/nomad/tutorials/enterprise/hashicorp-enterprise-license#request-a-trial-license) for instructions on how to get a trial license.

~> **Note:** A Nomad Enterprise cluster cannot be downgraded to the open source version of Nomad. Servers running the open source version of Nomad will panic if they are joined to a Nomad Enterprise cluster, due to raft entries relating to Enterprise features not being parseable by open source Nomad.

## ## Expiring Licenses

Nomad Enterprise licenses have an expiration time. You can read and validate the license on a running server, on disk, or in your environment with the `[ nomad license` commands ]`(/nomad/docs/commands/license).

Before upgrading Nomad or replacing your license with a new one, you should always run `[ nomad license inspect` ]`(/nomad/docs/commands/license/inspect) to ensure the license is valid with your server binary.

As a Nomad Enterprise license approaches its expiration time, Nomad servers will periodically log a warning message about the approaching expiration. Below shows log excerpts of the warnings.

...

```
2021-03-29T15:02:28.100-0400 [WARN] nomad.licensing: license expiring: time_left=5m0s
2021-03-29T15:03:28.103-0400 [WARN] nomad.licensing: license expiring: time_left=4m0s
2021-03-29T15:04:28.106-0400 [WARN] nomad.licensing: license expiring: time_left=3m0s
2021-03-29T15:05:28.109-0400 [WARN] nomad.licensing: license expiring: time_left=2m0s
2021-03-29T15:06:28.112-0400 [WARN] nomad.licensing: license expiring: time_left=1m0s
2021-03-29T15:07:28.114-0400
[WARN] nomad.licensing: license expiring: time_left=0s
2021-03-29T15:07:58.104-0400 [ERROR] nomad.licensing: license expired, please update license: error="invalid
license or license is expired"
...
```

When the license expires, enterprise functionality will become limited. Only read operations on enterprise endpoints will be supported, and write operations will return an error.

## ## Configuring the License

See the server [license configuration] reference documentation on all the options to set an enterprise license. Nomad will load the license file from disk or environment when it starts.

~> **Note:** An Enterprise license [tutorial](/nomad/tutorials/enterprise/hashicorp-enterprise-license) is available to help you install the license on the server.

In order to immediately alert operators of a bad configuration setting, if a license configuration option is an invalid or expired license, the Nomad server will exit with an error.

...

```
NOMAD_LICENSE=misconfigured nomad agent -dev
```

```
==>
```

```
No configuration files loaded
```

```
==> Starting Nomad agent...
```

```
==> Error starting agent: server setup failed: failed to initialize enterprise licensing: a file license was configured but the license is invalid: error decoding version: expected integer
```

...

See the [License commands](/nomad/docs/commands/license) for more information on interacting with the Enterprise License.

[releases site]: <https://releases.hashicorp.com/nomad>

[license configuration]: [/nomad/docs/configuration/server#license\\_path](/nomad/docs/configuration/server#license_path)

[license endpoint]: </nomad/api-docs/operator/license#updating-the-nomad-enterprise-license>

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package command

```
import (
```

```
 "fmt"
```

```
 "strings"
```

```
 "time"
```

```
 "github.com/hashicorp/nomad/api"
```

```
 "github.com/mitchellh/cli"
```

```
)
```

```
var _ cli.Command = &LicenseCommand{}
```

```
type LicenseCommand struct {
```

```
 Meta
```

```
}
```

```
func (l *LicenseCommand) Help() string {
```

```
 helpText := `
```

```
Usage: nomad license <subcommand> [options] [args]
```

This command has subcommands for managing the Nomad Enterprise license.

For more detailed examples see:

<https://www.nomadproject.io/docs/commands/license/>

Retrieve the server's license:

```
$ nomad license get

、
return strings.TrimSpace(helpText)
}

func (l *LicenseCommand) Synopsis() string {
return "Interact with Nomad Enterprise License"
}

func (l *LicenseCommand) Name() string { return "license" }

func (l *LicenseCommand) Run(args []string) int {
return cli.RunResultHelp
}

func OutputLicenseReply(ui cli.Ui, resp *api.LicenseReply) int {
now := time.Now()
expired := resp.License.ExpirationTime.Before(now)
terminated
:= resp.License.TerminationTime.Before(now)
outputLicenseInfo(ui, resp.License, expired, terminated)
if expired {
return 1
}
return 0
}

func outputLicenseInfo(ui cli.Ui, lic *api.License, expired, terminated bool) {
expStr := ""
if expired {
expStr = fmt.Sprintf("Expired At%s", lic.ExpirationTime.String())
} else {
expStr = fmt.Sprintf("Expires At%s", lic.ExpirationTime.String())
}
termStr := ""
if terminated {
termStr = fmt.Sprintf("Terminated At%s", lic.TerminationTime.String())
} else {
termStr = fmt.Sprintf("Terminates At%s", lic.TerminationTime.String())
}

validity := "valid"
```

```

if expired {
 validity = "expired!"
}
output := []string{
 fmt.Sprintf("Product|%s", lic.Product),
 fmt.Sprintf("License Status|%s", validity),
 fmt.Sprintf("License ID|%s", lic.LicenseID),
 fmt.Sprintf("Customer ID|%s", lic.CustomerID),
 fmt.Sprintf("Issued At|%s", lic.IssueTime),
 expStr,
 termStr,
 fmt.Sprintf("Datacenter|%s", lic.InstallationID),
}
ui.Output(formatKV(output))

if
len(lic.Modules) > 0 {
 ui.Output("Modules:")
 for _, mod := range lic.Modules {
 ui.Output(fmt.Sprintf("\t%s", mod))
 }
}
if len(lic.Features) > 0 {
 ui.Output("Licensed Features:")
 for _, f := range lic.Features {
 ui.Output(fmt.Sprintf("\t%s", f))
 }
}
}
// Copyright (c) HashiCorp, Inc.
// SPDX-License-Identifier: BUSL-1.1

//go:build !ent

package nomad

func (c *LicenseConfig) Validate() error {
 return nil
}

layout: api
page_title: License - Operator - HTTP API
description: |-
 The /operator/license endpoints allow for retrieving the Nomad Enterprise License.

License Operator HTTP API

```

<EnterpriseAlert />

## ## Get Nomad Enterprise License Info

This endpoint gets information about the current license.

| Method | Path                 | Produces         |
|--------|----------------------|------------------|
| GET    | /v1/operator/license | application/json |

The table below shows this endpoint's support for [blocking queries](/nomad/api-docs#blocking-queries) and [required ACLs](/nomad/api-docs#acls).

| Blocking Queries | ACL Required  |
|------------------|---------------|
| NO               | operator:read |

### ### Sample Request

```
```shell-session
$ curl \
  https://localhost:4646/v1/operator/license
```
```

### ### Sample Response

```
```json
{
  "KnownLeader": false,
  "LastContact": 0,
  "LastIndex": 0,
  "License": {
    "CustomerID": "customer name",
    "ExpirationTime":
      "2020-06-01T14:50:16.581304556-04:00",
    "Features": [
      "Automated Upgrades",
      "Enhanced Read Scalability",
      "Redundancy Zones",
      "Namespaces",
      "Resource Quotas",
      "Preemption",
      "Audit Logging",
      "Setinel Policies"
    ],
    "Flags": {
      "modules": ["governance-policy"]
    }
  }
}
```



```

    },
    "InstallationID": "*",
    "IssueTime": "2020-06-01T08:50:16.581304556-04:00",
    "LicenseID": "6f706a45-bdac-4a70-968b-d93784894653",
    "Modules": ["governance-policy"],
    "Product": "nomad",
    "StartTime": "2020-06-01T08:50:16.581304556-04:00",
    "TerminationTime": "2020-06-01T14:50:16.581304556-04:00"
  },
  "RequestTime": 0
}
...

```

```

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```

package command

```

import (
    "fmt"

    "github.com/hashicorp/nomad/api"
    "github.com/posener/complete"
)

type LicenseGetCommand struct {
    Meta
}

func (c *LicenseGetCommand) Help() string {
    helpText := `
Usage: nomad license get [options]

Gets the license loaded by the server. The command is not forwarded to the
Nomad leader, and will return the license from the specific server being
contacted.

When ACLs are enabled, this command requires a token with the
'operator:read' capability.

General Options:

` + generalOptionsUsage(usageOptsDefault|usageOptsNoNamespace)

    return helpText
}

func (c *LicenseGetCommand) AutocompleteFlags() complete.Flags {
    return complete.Flags{}
}

```

```

}

func (c *LicenseGetCommand) AutocompleteArgs() complete.Predictor {
    return complete.PredictNothing
}

func (c *LicenseGetCommand) Synopsis() string {
    return "Retrieve the current Nomad Enterprise License"
}

func (c *LicenseGetCommand)
    Name() string { return "license get" }

func (c *LicenseGetCommand) Run(args []string) int {
    flags := c.Meta.FlagSet(c.Name(), FlagSetClient)
    flags.Usage = func() { c.Ui.Output(c.Help()) }

    if err := flags.Parse(args); err != nil {
        c.Ui.Error(fmt.Sprintf("Error parsing flags: %s", err))
        return 1
    }

    client, err := c.Meta.Client()
    if err != nil {
        c.Ui.Error(fmt.Sprintf("Error initializing client: %s", err))
        return 1
    }

    resp, _, err := client.Operator().LicenseGet(&api.QueryOptions{ })
    if err != nil {
        c.Ui.Error(fmt.Sprintf("Error getting license: %v", err))
        return 1
    }

    return OutputLicenseReply(c.Ui, resp)
}
// Copyright (c) HashiCorp, Inc.
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package nomad

import (
    "slices"
    "time"
)

// LicenseConfig allows for tunable licensing config
// primarily used for enterprise testing

```

```

type LicenseConfig struct {
    // BuildDate is the time of the git commit used to build the program.
    BuildDate time.Time

    // LicenseEnvBytes is the license bytes to use for the server's license
    LicenseEnvBytes string

    // LicensePath is the path to use for the server's license
    LicensePath string

    // AdditionalPubKeys is a set of public keys to
    AdditionalPubKeys []string
}

```

```

func (c *LicenseConfig) Copy() *LicenseConfig {
    if c == nil {
        return nil
    }

```

```

    nc := *c
    nc.AdditionalPubKeys = slices.Clone(c.AdditionalPubKeys)
    return &nc
}

```

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layout: docs

page_title: Nomad Enterprise License FAQ

description: >-

Frequently Asked Questions pertaining to Nomad Enterprise Licensing.

Frequently Asked Questions (FAQ)

This FAQ is for the license changes introduced in Nomad Enterprise version v1.6.0+ent.

For license-related FAQ for earlier versions, please refer to earlier versions of this document using the version drop-down on this page, e.g. [\[v1.5.x\]\(/nomad/docs/v1.5.x/enterprise/license/faq\)](#).

Q: Can I get a quick summary of the Nomad changes?

Starting with Nomad Enterprise v1.6.0, license expiration is different.

For trial licenses, the behavior remains the same. Enterprise features will stop working when the license expires, and a server can not start with an expired license.

For new "non-terminating" contract licenses, instead of expiration being compared to the current time, expiration time is compared to the build date of the Nomad binary, which you can find in the output of the `[nomad version](/nomad/docs/commands/version)` command.

The practical result is that newer contract licenses will work in perpetuity for any v1.6.0+ version of Nomad built prior to the expiration time of the license. No features will stop working, and server agents can be restarted safely.

However, if you try to upgrade to a newer binary past license expiration, the server will not start. To proactively avoid that, you can test a new binary with your license using the new `[nomad license inspect](/license/inspect)` command before trying to upgrade your servers.

Q: What resources are available?

The list below is a great starting point for learning more about license usage in general.

- [\[v1.6.0 Upgrade Guide\]\(/nomad/docs/upgrade/upgrade-specific#enterprise-license-validation-with-builddate\)](#)
- [\[Nomad License Documentation\]\(/nomad/docs/enterprise/license\)](#)
- [\[License configuration values documentation\]\(/nomad/docs/configuration/server#license_path\)](#)
- [\[Install a HashiCorp Enterprise License Tutorial\]\(/nomad/tutorials/enterprise/hashicorp-enterprise-license\)](#)

##

Q: Does this affect older versions of Nomad?

This change only affects Nomad Enterprise version v1.6.0+ent and later.

Q: Does the license have to be present on Nomad client nodes?

Only Nomad server nodes need to have the license present.
Nomad agents running with the `-dev`` flag will also need a license.

Q: What are some pitfalls that could be experienced during an upgrade because of the license changes?

If you have an expired license that has not yet become fully nonfunctional (i.e. it is in grace period between `ExpirationTime` and `TerminationTime`), then a Nomad server will not be able to start using a new v1.6.0+ binary.

Before shutting down a server agent to replace it with a new version, be sure to run `[`nomad license inspect`][license inspect]` with the new binary.

Q: How can a user get their existing license?

If you are an existing HashiCorp enterprise customer you may contact your organization's customer success manager (CSM) or email support-software@hashicorp.com for information on how to get your organization's enterprise license.

You can use ``nomad license get`` to retrieve information about the license, but not the license itself.

Q: What happens when a license expires?

All features will continue to work until you attempt to upgrade Nomad that is newer than your license expiration time.

In that case, the server agent will fail to start, and you'll need to roll back to the previous working version and acquire a new license to use with the newer Nomad version before attempting the upgrade again.

Q: Are licenses cluster-specific? node-specific?

Licenses can be reused on different nodes and different clusters.

Q: Where can users get a trial license for Nomad?

Visit <https://nomadproject.io/trial> for a free 30-day trial license.

Q: When a Nomad client agent restarts, will it still need a license file?

Every time ``nomad agent`` runs as a server (or in ``-dev``), it requires a license.

Q: May I downgrade Nomad Enterprise from v1.6.0 to an earlier version?

Yes, if you upgrade a server to 1.6.0+ but it fails to start due to license expiration, you can roll back to a previous working version with the old expiration logic.

If a server fails to start for any other reason aside from license expiration, roll back to a previous version is not supported due to the Nomad state store not having forward compatibility, and may result in a crash loop.

Q: Is there a tutorial available for the license configuration steps?

Please visit the [\[Enterprise License Tutorial\]](#)(/nomad/tutorials/enterprise/hashicorp-enterprise-license).

`[license inspect]: /nomad/docs/commands/license/inspect`

```

// Copyright (c) HashiCorp, Inc.
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package command

import (
    "testing"
    "time"

    "github.com/hashicorp/nomad/api"
    "github.com/hashicorp/nomad/ci"
    "github.com/mitchellh/cli"
    "github.com/stretchr/testify/require"
)

var _ cli.Command = &LicenseGetCommand{}

func TestCommand_LicenseGet_OSSErr(t *testing.T) {
    ci.Parallel(t)

    srv, _, url := testServer(t, false, nil)
    defer srv.Shutdown()

    ui := cli.NewMockUi()
    cmd := &LicenseGetCommand{Meta: Meta{Ui: ui}}

    code := cmd.Run([]string{"-address=" + url})
    if srv.Enterprise {
        require.Equal(t, 0, code)
    } else {
        require.Equal(t, 1, code)
        require.Contains(t, ui.ErrorWriter.String(), "Nomad Enterprise only endpoint")
    }
}

func TestOutputLicenseReply(t *testing.T) {
    ci.Parallel(t)

    now := time.Now()
    lic := &api.LicenseReply{
        License: &api.License{
            LicenseID:    "licenseID",
            CustomerID:  "customerID",
            InstallationID: "*",
            IssueTime:   now,
            StartTime:  now,
            ExpirationTime:

```

```
now.Add(1 * time.Hour),
TerminationTime: now,
Product:      "nomad",
Flags: map[string]interface{}{
    "": nil,
},
},
}
```

```
ui := cli.NewMockUi()
```

```
require.Equal(t, 0, OutputLicenseReply(ui, lic))
```

```
out := ui.OutputWriter.String()
require.Contains(t, out, "Customer ID")
require.Contains(t, out, "License ID")
}
```

```
---
```

```
layout: docs
```

```
page_title: 'Commands: license inspect'
```

```
description: |
```

```
The license inspect command is used to inspect and validate an enterprise license.
```

```
---
```

```
# Command: license inspect
```

```
<EnterpriseAlert>
```

```
This command is only present in Nomad Enterprise.
```

```
</EnterpriseAlert>
```

The `license inspect` command is used to inspect and validate a Nomad Enterprise license. It will read the license from a file on disk or an environment variable and exit non-0 if the license is not valid with the Nomad binary.

This command should always be run with the new binary before upgrading Nomad on a server, as the server agent will not start with an invalid license.

```
## Usage
```

```
```plaintext
```

```
nomad license inspect [/path/to/license.hcl]
```

```
```
```

```
## Examples
```

With a license file argument:

```
```shell-session
```



```
$ nomad license inspect /path/to/nomad/license.hcllic
Source: /path/to/nomad/license.hcllic
Product: nomad
License ID: aaaaaaaaa-aaaa-aaaa-aaaa-aaaaaaaaaaaaa
Customer ID: bbbbbbbb-bbbb-bbbb-bbbb-bbbbbbbbbbbbbb
Installation
ID: *
Issue Time: 2021-12-01 17:49:23.021041516 +0000 UTC
Start Time: 2021-12-01 00:00:00 +0000 UTC
Expiration Time: 2023-12-01 00:00:00 +0000 UTC
Termination Time: 2024-01-01 00:00:00 +0000 UTC
Build Date: 2000-01-01 00:00:00 +0000 UTC
Flags: {
 "modules": [
 "multicenter-and-efficiency",
 "governance-policy"
]
}
```

License is valid  
^^^

With a license file environment variable:

```
^^^shell-session
$ export NOMAD_LICENSE_PATH=/path/to/nomad/license.hcllic
$ nomad license inspect
Source: /path/to/nomad/license.hcllic (path from the NOMAD_LICENSE_PATH environment variable)
Product: nomad
.....
License is valid
^^^
```

With a license string environment variable:

```
^^^shell-session
$ export NOMAD_LICENSE=full-license-text-string
$ nomad license inspect
Source: NOMAD_LICENSE environment variable
.....
License is valid
^^^
```

## Example error

```
^^^shell-session
$ nomad license inspect license.hcllic
...
```

#### Validation Errors:

\* license is no longer valid

\* license expiration

date is before version build date: expiration=2023-01-13T23:59:59Z build=2023-03-17T00:00:00Z

---

---

layout: docs

page\_title: 'Commands: license get'

description: |

The license get command is used to get the current license.

---

# Command: license get

The `license get` command is used to retrieve the current Nomad Enterprise license. The command is not forwarded to the Nomad leader, and will return the license from the specific server being contacted.

~> License commands are new in Nomad 0.12.0 and are only available with Nomad Enterprise.

## Usage

```plaintext

nomad license get [options]

```

When ACLs are enabled, this command requires a token with the 'operator:read' capability.

## General Options

@include 'general\_options\_no\_namespace.mdx'

## Examples

```shell-session

\$ nomad license get

Product = nomad

License Status = valid

License ID = e23f63b1-00ec-4e67-e926-c22e7937ceec

Customer ID = 350356e5-8aec-bdf4-8510-b205079ccad2

Issued At = 2021-03-31 14:21:16.969610774 +0000 UTC

Expires At = 2020-05-09 00:00:00 +0000 UTC

Terminates At = 2020-05-10

00:00:00 +0000 UTC

Datacenter = *

```
Modules:
  governance-policy
Licensed Features:
  Automated Upgrades
  Enhanced Read Scalability
  Redundancy Zones
  Namespaces
  Resource Quotas
  Preemption
  Audit Logging
  Sentinel Policies
...

```

```
```shell-session
$ nomad license get -stale=true

```

```
Product = nomad
License Status = valid
License ID = 8c647f6c-1e6d-18d8-7f05-92c4d8110b2d
Customer ID = 350356e5-8aec-bdf4-8510-b205079ccad2
Issued At = 2021-03-31 14:21:16.969610774 +0000 UTC
Expires At = 2022-04-01 00:00:00 +0000 UTC
Terminates At = 2022-04-04 00:00:00 +0000 UTC
Datacenter = *
```

```
Modules:
 governance-policy
 multicluster-and-efficiency
Licensed Features:
 Automated Upgrades
 Enhanced Read Scalability
 Redundancy Zones
 Namespaces
 Resource Quotas
 Audit Logging
 Sentinel Policies
 Multiregion Deployments
 Automated Backups

```

```
Multi-Vault Namespaces
...

```

# 1.670 x-net 0.13.0

## 1.670.1 Available under license :

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# 1.671 kubernetes-component-base 1.28.1-r0

## 1.671.1 Available under license :

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package migration

```
import "fmt"
```

```
// Notice is a migration warning
```

```
type Notice struct {
```

```
 Plugin string
```

```
 Option string
```

```

Severity string // 'deprecated', 'removed', or 'unsupported'
ReplacedBy string
Additional string
Version string
}

func (n *Notice) ToString() string {
s := ""
if n.Option == "" {
s += fmt.Sprintf("Plugin "%v"`, n.Plugin)
} else {
s += fmt.Sprintf("Option "%v" in plugin "%v"`, n.Option, n.Plugin)
}
if n.Severity == SevUnsupported {
s += "is unsupported by this migration tool in " + n.Version + "."
} else if n.Severity == SevNewDefault {
s += "is added as a default in " + n.Version + "."
} else {
s += "is " + n.Severity + " in " + n.Version + "."
}
}
if n.ReplacedBy != "" {
s += fmt.Sprintf(" It is replaced by "%v".`, n.ReplacedBy)
}
if n.Additional != "" {
s += " " + n.Additional
}
return s
}

const (
// The following statuses are used to indicate the state of support/deprecation in a given release.
SevDeprecated = "deprecated"
// deprecated, but still completely functional
SevIgnored = "ignored" // if included in the corefile, it will be ignored by CoreDNS
SevRemoved = "removed" // completely removed from CoreDNS, and would cause CoreDNS to exit if present
in the Corefile
SevNewDefault = "newdefault" // added to the default corefile. CoreDNS may not function properly if it is not
present in the corefile.
SevUnsupported = "unsupported" // the plugin/option is not supported by the migration tool

// The following statuses are used for selecting/filtering notifications
SevAll = "all" // show all statuses
)
Prometheus instrumentation library for Go applications
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```

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Go support for Protocol Buffers - Google's data interchange format

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```
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```

```
package simulator
```

```
import (
 "github.com/vmware/govmomi/vim25/methods"
 "github.com/vmware/govmomi/vim25/mo"
 "github.com/vmware/govmomi/vim25/soap"
 "github.com/vmware/govmomi/vim25/types"
)

// EvalLicense is the default license
var EvalLicense = types.LicenseManagerLicenseInfo{
 LicenseKey: "00000-00000-00000-00000-00000",
 EditionKey: "eval",
 Name: "Evaluation Mode",
 Properties: []types.KeyAnyValue{
 {
 Key: "feature",
 Value: types.KeyValue{
 Key: "serialuri:2",
 Value: "Remote virtual Serial Port Concentrator",
 },
 },
 {
 Key: "feature",
 Value: types.KeyValue{
 Key: "dvs",
 Value: "vSphere Distributed Switch",
 },
 },
 },
}

type LicenseManager struct {
 mo.LicenseManager
}

func (m *LicenseManager) init(r *Registry) {
 m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}

 if
 r.IsVPX() {
 am := Map.Put(&LicenseAssignmentManager{}).Reference()
 m.LicenseAssignmentManager = &am
 }
}
```

```

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
 body := &methods.AddLicenseBody{
 Res: &types.AddLicenseResponse{},
 }

 for _, license := range m.Licenses {
 if license.LicenseKey == req.LicenseKey {
 body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
 return body
 }
 }

 m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
 LicenseKey: req.LicenseKey,
 Labels: req.Labels,
 })

 body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)

 return body
}

func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
 body := &methods.RemoveLicenseBody{
 Res: &types.RemoveLicenseResponse{},
 }

 for i, license := range m.Licenses {
 if req.LicenseKey == license.LicenseKey {
 m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:]...)
 return body
 }
 }
 return
 body
}

func (m *LicenseManager) UpdateLicenseLabel(req *types.UpdateLicenseLabel) soap.HasFault {
 body := &methods.UpdateLicenseLabelBody{}

 for i := range m.Licenses {
 license := &m.Licenses[i]

 if req.LicenseKey != license.LicenseKey {
 continue
 }
 }

```

```

body.Res = new(types.UpdateLicenseLabelResponse)

for j := range license.Labels {
 label := &license.Labels[j]

 if label.Key == req.LabelKey {
 if req.LabelValue == "" {
 license.Labels = append(license.Labels[:j], license.Labels[j+1:]...)
 } else {
 label.Value = req.LabelValue
 }
 return body
 }
}

license.Labels = append(license.Labels, types.KeyValue{
 Key: req.LabelKey,
 Value: req.LabelValue,
})

return body
}

body.Fault_ = Fault("", &types.InvalidArgument{InvalidProperty: "licenseKey"})
return body
}

type LicenseAssignmentManager struct {
 mo.LicenseAssignmentManager
}

func (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault
{
 body := &methods.QueryAssignedLicensesBody{
 Res: &types.QueryAssignedLicensesResponse{ },
 }
}

// EntityId can be a HostSystem or the vCenter InstanceUuid
if req.EntityId != "" {
 if req.EntityId != Map.content().About.InstanceUuid {
 id := types.ManagedObjectReference{
 Type: "HostSystem",
 Value: req.EntityId,
 }
 }

 if Map.Get(id) == nil {
 return body
 }
}

```

```

}
}

body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
{
EntityId: req.EntityId,
AssignedLicense: EvalLicense,
},
}

return body
}

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
info := EvalLicense

info.LicenseKey = key
info.Labels = labels

return info
}

```

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=====  
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=====

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// License information for the exposed API.

//

// For more information: <http://goo.gl/8us55a#licenseObject>

type License struct {

    Name string `json:"name,omitempty"`

    URL string `json:"url,omitempty"`

}

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Alex Reece <awreece@gmail.com>

David Symonds <dsymonds@golang.org>

Ryan Barrett <ryanb@google.com>

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Paul Borman <borman@google.com>

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Alain Vongsouvanhalainv <alainv@google.com>  
Andrew Gerrand <adg@golang.org>  
Brad Fitzpatrick <bradfitz@golang.org>  
Eric Koleda <ekoleda+devrel@google.com>  
Francesc Campoy <campoy@golang.org>  
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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogersaling@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>  
Todd Eisenberger <teisenberger@dropbox.com>  
Tormod Erevik Lea <tormodlea@gmail.com>  
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#

Abhijeet Kasurde <akasurde@redhat.com>  
abrarshivani <abrarshivani@users.noreply.github.com>  
Adam Chalkley <atc0005@users.noreply.github.com>  
Adam Fowler <adam@adamfowler.org>  
Adam Shannon <adamkshannon@gmail.com>  
Akanksha Panse <panse@vmware.com>  
Al Biheiri <abiheiri@apple.com>  
Alessandro Cortiana <alessandro.cortiana@gmail.com>  
Alex <puzo2002@gmail.com>  
Alex Bozhenko <alexbozhenko@fb.com>  
Alex Ellis (VMware) <alexellis2@gmail.com>

Aligator <8278538+yet-another-aligator@users.noreply.github.com>  
Alvaro Miranda <kikitux@gmail.com>  
Amanda H. L. de Andrade <amanda.andrade@serpro.gov.br>  
amanpaha <amanpahariya@microsoft.com>  
Amit Bathla <abathla@vmware.com>  
amit bezalel <amit.bezalel@hpe.com>  
Andrew <AndrewDi@users.noreply.github.com>  
Andrew Chin <andrew@andrewtchin.com>  
Andrew Kutz <akutz@vmware.com>  
Andrey Klimentyev <andrey.klimentyev@flant.com>  
Anfernee Yongkun Gui  
<agui@vmware.com>  
angystardust <angystardust@users.noreply.github.com>  
aniketGslab <aniket.shinde@gslab.com>  
Ankit Vaidya <vaidyaa@vmware.com>  
Ankur Huralikoppi <huralikoppia@vmware.com>  
Anna Carrigan <anna.carrigan@hpe.com>  
Antony Saba <awsaba@gmail.com>  
Ariel Chinn <arielchinn@gmail.com>  
Arran Walker <arran.walker@zopa.com>  
Artem Anisimov <aanisimov@inbox.ru>  
Arunesh Pandey <parunesh@vmware.com>  
Aryeh Weinreb <aryehweinreb@gmail.com>  
Augy StClair <augy@google.com>  
Austin Parker <aparker@apprenda.com>  
Balu Dontu <bdontu@vmware.com>  
bastienbc <bastien.barbe.creuly@gmail.com>  
Ben Corrie <bcorrie@vmware.com>  
Ben Vickers <bvickers@pivotal.io>  
Benjamin Davini <davinib@vmware.com>  
Benjamin Peterson <benjamin@python.org>  
Benjamin Vickers <bvickers@vmware.com>  
Bhavya Choudhary <bhavyac@vmware.com>  
Bob Killen <killen.bob@gmail.com>  
Brad Fitzpatrick <bradfitz@golang.org>  
Brian Rak <brak@vmware.com>  
brian57860 <brian57860@users.noreply.github.com>  
Bruce Downs <bruceadowns@gmail.com>  
Bryan Venteicher  
<bryanventeicher@gmail.com>  
Cdric Blomart <cblomart@gmail.com>  
Cheng Cheng <chengch@vmware.com>  
Chethan Venkatesh <chethanv@vmware.com>  
Choudhury Sarada Prasanna Nanda <cspn@google.com>  
Chris Marchesi <chrism@vanclueverttech.com>  
Christian Hltje <docwhat@gerf.org>  
Clint Greenwood <cgreenwood@vmware.com>  
cpiment <pimentel.carlos@gmail.com>

CuiHaozhi <cuihaozhi@chinacloud.com.cn>  
Dan Ilan <danilan@google.com>  
Dan Norris <protochron@users.noreply.github.com>  
Daniel Frederick Crisman <daniel@crisman.org>  
Daniel Mueller <deso@posteo.net>  
Danny Lockard <danny.lockard@banno.com>  
Dave Gress <gressd@vmware.com>  
Dave Smith-Uchida <dsmithuchida@vmware.com>  
Dave Tucker <dave@dtucker.co.uk>  
David Gress <gressd@vmware.com>  
David Stark <dave@davidstark.name>  
Davide Agnello <dagnello@hp.com>  
Davinder Kumar <davinderk@vmware.com>  
Defa <zhoudefa666@163.com>  
demarey <christophe.demarey@inria.fr>  
dependabot[bot] <49699333+dependabot[bot]@users.noreply.github.com>  
Deric Crago <deric.crago@gmail.com>  
ditsuke  
<ditsuke@protonmail.com>  
Divyen Patel <divyenp@vmware.com>  
Dnyanesh Gate <dnyanesh.gate@druva.com>  
Doug MacEachern <dougmac@vmware.com>  
East <60801291+houfangdong@users.noreply.github.com>  
Eloy Coto <eloy.coto@gmail.com>  
embano1 <embano1@users.noreply.github.com>  
Eng Zer Jun <engzerjun@gmail.com>  
Eric Edens <ericedens@google.com>  
Eric Graham <16710890+Pheric@users.noreply.github.com>  
Eric Gray <egrays@vmware.com>  
Eric Yutao <eric.yutao@gmail.com>  
Erik Hollensbe <github@hollensbe.org>  
Essodjolo KAHANAM <essodjolo@kahanam.com>  
Ethan Kaley <ethan.kaley@emc.com>  
Evan Chu <echu@vmware.com>  
Fabio Rapposelli <fabio@vmware.com>  
Faiyaz Ahmed <faiyaza@vmware.com>  
Federico Pellegatta <12744504+federico-pellegatta@users.noreply.github.com>  
forkbomber <forkbomber@users.noreply.github.com>  
Franois Rigault <rigault.francois@gmail.com>  
freebsdly <qinhuaajun@outlook.com>  
Gavin Gray <gavin@infinio.com>  
Gavrie Philipson <gavrie.philipson@elastifile.com>  
George Hicken <ghicken@vmware.com>  
Gerrit Renker  
<Gerrit.Renker@ctl.io>  
gthombare <gthombare@vmware.com>  
HakanSunay <hakansunay@abv.bg>  
Hasan Mahmood <mahmoodh@vmware.com>

Haydon Ryan <haydon.ryan@gmail.com>  
Heiko Reese <hreesee@users.noreply.github.com>  
Henrik Hodne <henrik@travis-ci.com>  
hkumar <hkumar@vmware.com>  
Hrabur Stoyanov <hstoyanov@vmware.com>  
hui luo <luoh@vmware.com>  
Ian Eyberg <ian@deferpanic.com>  
Isaac Rodman <isaac@eyz.us>  
Ivan Mikushin <imikushin@vmware.com>  
Ivan Porto Carrero <icarrero@vmware.com>  
James King <james.king@emc.com>  
James Peach <jpeach@vmware.com>  
Jason Kincl <jkincl@gmail.com>  
Jeremy Canady <jcanady@jackhenry.com>  
jeremy-clerc <jeremy@clerc.io>  
Jiatong Wang <wjatong@vmware.com>  
jingyizPensando <jingyiz@pensando.io>  
Joo Pereira <joaodrp@gmail.com>  
Jonas Ausevicius <jonas.ausevicius@virtustream.com>  
Jorge Sevilla <jorge.sevilla@rstor.io>  
Julien PILLON <jpillon@lesalternatives.org>  
Justin J. Novack <jnovack@users.noreply.github.com>  
kayrus <kay.diam@gmail.com>  
Keenan Brock <keenan@thebrocks.net>  
Kevin George  
<georgek@vmware.com>  
Knappek <andy.knapp.ak@gmail.com>  
Leslie Wang <qiwa@pensando.io>  
leslie-qiwa <leslie.qiwa@gmail.com>  
Lintong Jiang <lintongj@vmware.com>  
Liping Xue <lipingx@vmware.com>  
Louie Jiang <jiangl@vmware.com>  
Luther Monson <luther.monson@gmail.com>  
Madanagopal Arunachalam <marunachalam@vmware.com>  
makelarisjr <8687447+makelarisjr@users.noreply.github.com>  
maplain <fangyuanl@vmware.com>  
Marc Carmier <mcarmier@gmail.com>  
Marcus Tan <marcus.tan@rubrik.com>  
Maria Ntalla <maria.ntalla@gmail.com>  
Marin Atanasov Nikolov <mnikolov@vmware.com>  
Mario Trangoni <mjtrangoni@gmail.com>  
Mark Dechiaro <mdechiaro@users.noreply.github.com>  
Mark Peek <markpeek@vmware.com>  
Mark Rexwinkel <Mark.Rexwinkel@elekta.com>  
martin <martin@catai.org>  
Matt Clay <matt@mystile.com>  
Matt Moore <mattmoor@vmware.com>  
Matt Moriarity <matt@mattmoriarity.com>

Matthew Cosgrove <matthew.cosgrove@dell.com>  
mbhadale <mbhadale@vmware.com>  
Merlijn Sebrechts <merlijn.sebrechts@gmail.com>  
Mevan Samaratunga <mevansam@gmail.com>  
Michael  
Gasch <15986659+embano1@users.noreply.github.com>  
Michael Gasch <mgasch@vmware.com>  
Michal Jankowski <mjankowski@vmware.com>  
Mike Schinkel <mike@newclarity.net>  
Mincho Tonev <mtonev@vmware.com>  
mingwei <mingwei@smartx.com>  
Nicolas Lamirault <nicolas.lamirault@gmail.com>  
Nikhil Kathare <nikhil.kathare@netapp.com>  
Nikhil R Deshpande <ndeshpande@vmware.com>  
Nikolas Grottendieck <git@nikolasgrottendieck.com>  
Nils Elde <nils.elde@sscinc.com>  
nirbhay <nirbhay.bagmar@nutanix.com>  
Nobuhiro MIKI <nmiki@yahoo-corp.jp>  
Om Kumar <om.kumar@hpe.com>  
Omar Kohl <omarkohl@gmail.com>  
Parham Alvani <parham.alvani@gmail.com>  
Parveen Chahal <parkuma@microsoft.com>  
Paul Martin <25058109+rawstorage@users.noreply.github.com>  
Pierre Gronlier <pierre.gronlier@corp.ovh.com>  
Pieter Noordhuis <pnoordhuis@vmware.com>  
pradeepj <50135054+pradeep288@users.noreply.github.com>  
Pranshu Jain <jpranshu@vmware.com>  
prydin <prydin@vmware.com>  
rconde01 <rconde01@hotmail.com>  
rHermes <teodor\_spaeren@riseup.net>  
Rianto  
Wahyudi <rwahyudi@gmail.com>  
Ricardo Katz <rkatz@vmware.com>  
Robin Watkins <robwatkins@gmail.com>  
Rowan Jacobs <rojacobs@pivotal.io>  
Roy Ling <royling0024@gmail.com>  
rsikdar <rsikdar@berkeley.edu>  
runner.mei <runner.mei@gmail.com>  
Ryan Johnson <johnsonryan@vmware.com>  
S R Ashrith <sashrith@vmware.com>  
S.alar Onur <conur@vmware.com>  
Saad Malik <saad@spectrocloud.com>  
Sam Zhu <zhusa@zhusa-a02.vmware.com>  
samzhu333 <45263849+samzhu333@users.noreply.github.com>  
Sandeep Pissay Srinivasa Rao <ssrinivas@vmware.com>  
Scott Holden <scott@nullops.io>  
Sergey Ignatov <sergey.ignatov@jetbrains.com>  
serokles <timbo.alexander@gmail.com>



shahra <shahra@vmware.com>  
Shalini Bhaskara <sbhaskara@vmware.com>  
Shaozhen Ding <dsz0111@gmail.com>  
Shawn Neal <sneal@sneal.net>  
shylasrinivas <sshyla@vmware.com>  
sky-joker <sky.jokerxx@gmail.com>  
smaftoul <samuel.maftoul@gmail.com>  
smahadik <smahadik@vmware.com>  
Sten Feldman <exile@chamber.ee>  
Stepan Mazurov <smazurov@gmail.com>  
Steve Purcell <steve@sanityinc.com>  
Sudhindra  
Aithal <sudhiaithal@pensando.io>  
SUMIT AGRAWAL <asumit@vmware.com>  
Sunny Carter <sunny.carter@metaswitch.com>  
syuparn <s.hello.spagetti@gmail.com>  
Takaaki Furukawa <takaaki.frkw@gmail.com>  
Tamas Eger <tamas.eger@bitrise.io>  
Tanay Kothari <tkothari@vmware.com>  
tanishi <tanishi503@gmail.com>  
Ted Zlatanov <tzz@lifelogs.com>  
Thad Craft <tcraft@pivotal.io>  
Thibaut Ackermann <thibaut.ackermann@alcatel-lucent.com>  
Tim McNamara <tim.mcnamara@canonical.com>  
Tjeu Kayim <15987676+TjeuKayim@users.noreply.github.com>  
Toomas Pelberg <toomas.pelberg@playtech.com>  
Trevor Dawe <trevor.dawe@gmail.com>  
tshihad <tshihad9@gmail.com>  
Uwe Bessle <Uwe.Bessle@iteratec.de>  
Vadim Egorov <vegorov@vmware.com>  
Vikram Krishnamurthy <vikramkrishnamu@vmware.com>  
volanja <volaaanja@gmail.com>  
Volodymyr Bobyr <pupsua@gmail.com>  
Waldek Maleska <w.maleska@gmail.com>  
William Lam <wlam@vmware.com>  
Witold Krecicki <wpk@culm.net>  
xing-yang <xingyang105@gmail.com>  
xinyanw409 <wxinyan@vmware.com>  
Yang Yang  
<yangy@vmware.com>  
yangxi <yangxi@vmware.com>  
Yann Hodique <yhodique@google.com>  
Yash Nitin Desai <desai@vmware.com>  
Yassine TIJANI <ytijani@vmware.com>  
Yi Jiang <yijiang@vmware.com>  
yiyiny <yiyiny@vmware.com>  
ykakarap <yuva2811@gmail.com>  
Yogesh Sobale <6104071+ysobale@users.noreply.github.com>

Yue Yin <yueyin@yuyin-a01.vmware.com>  
Yun Zhou <yunz@vmware.com>  
Yuya Kusakabe <yuya.kusakabe@gmail.com>  
Zach G <zguan@vmware.com>  
Zach Tucker <ztucker@vmware.com>  
Zacharias Taubert <zacharias.taubert@gmail.com>  
Zee Yang <zeey@vmware.com>  
zyuxin <zyuxin@vmware.com>  
<kuzakov@satel.org>  
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=====  
The common/types/pb/equal.go modification of proto.Equal logic  
=====

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## 1.673 kubernetes-client 1.28.1-r0

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Raul Silvera <rsilvera@google.com>

Tipp Moseley <tipp@google.com>

Hyoun Kyu Cho <netforce@google.com>

Martin Spier <spiermar@gmail.com>

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## 1.681 containerd 1.7.3

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogersaling@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

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Changes:

- \* Renamed files from `civil*` to `localtime*`.
- \* Package changed from `civil` to `toml`.
- \* 'Local' prefix added to all structs.

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Paul Borman <borman@google.com>

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shawnps

theory

jboverfelt

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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# 1.682 docker 24.0.5-r1

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package v2\_3

// OtherLicense is an Other License Information section of an  
// SPDX Document for version 2.3 of the spec.

type OtherLicense struct {

    // 10.1: License Identifier: "LicenseRef-[idstring]"

    // Cardinality: conditional (mandatory, one) if license is not

    //         on SPDX License List

    LicenseIdentifier string `json:"licenseId"`

    // 10.2: Extracted Text

    // Cardinality: conditional (mandatory, one) if there is a

    //         License Identifier assigned

    ExtractedText string `json:"extractedText"`

    // 10.3: License Name: single line of text or "NOASSERTION"

```
// Cardinality: conditional (mandatory, one) if license is not
// on SPDX License List
LicenseName string `json:"name,omitempty"`

// 10.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
// is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

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}
Copyright (c) 2016 Caleb Spare
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# Please keep the list sorted.

Adam Eijdenberg <eijdenberg@google.com> <adam.eijdenberg@gmail.com>

Al

Cutter <al@google.com>

Ben Laurie <benl@google.com> <ben@links.org>

Chris Kennelly <ckennelly@google.com> <ckennelly@ckennelly.com>

David Drysdale <drysdale@google.com>

Deyan Bektchiev <deyan.bektchiev@venafi.com> <deyan@bektchiev.net>

Ed Maste <emaste@freebsd.org>

Emilia Kasper <ekasper@google.com>

Eran Messeri <eranm@google.com> <eran.mes@gmail.com>

Fiaz Hossain <fiaz.hossain@salesforce.com>

Gary Belvin <gbelvin@google.com> <gdbelvin@gmail.com>

Jeff Trawick <trawick@gmail.com>

Joe Tsai <joetsai@digital-static.net>

Kat Joyce <katjoyce@google.com>

Katriel Cohn-Gordon <katriel.cohn-gordon@cybersecurity.ox.ac.uk>

Kiril Nikolov <kiril.nikolov@venafi.com>

Konrad Kraszewski <kraszewski@google.com> <laiquendir@gmail.com>

Lal Cellier <lael.cellier@gmail.com>

Linus Nordberg <linus@nordu.net>

Mark Schloesser <ms@mwcollect.org>

Nicholas Galbreath <nickg@client9.com>

Oliver Weidner <Oliver.Weidner@gmail.com>

Pascal Leroy <phl@google.com>

Paul Hadfield <hadfieldp@google.com> <paul@phad.org.uk>

Paul

Lietar <lietar@google.com>

Pavel Kalinnikov <pkalinnikov@google.com> <pavelkalinnikov@gmail.com>

Pierre Phaneuf <pphaneuf@google.com>

Rob Percival <robpercival@google.com>

Rob Stradling <rob@comodo.com>

Roger Ng <rogerng@google.com> <roger2hk@gmail.com>

Roland Shoemaker <roland@letsencrypt.org>

Ruslan Kovalov <ruslan.kovalyov@gmail.com>

Samuel Lidn Borell <samuel@kodafritt.se>

Tatiana Merkulova <merkulova@google.com>

Vladimir Rutsky <vladimir@rutsky.org>

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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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```
package v2_2
```

```
// OtherLicense is an Other License Information section of an
```

```
// SPDX Document for version 2.2 of the spec.
```

```
type OtherLicense struct {
```

```
 // 10.1: License Identifier: "LicenseRef-[idstring]"
```

```
 // Cardinality: conditional (mandatory, one) if license is not
```

```
 // on SPDX License List
```

```
 LicenseIdentifier string `json:"licenseId"`
```

```
 // 10.2: Extracted Text
```

```
 // Cardinality: conditional (mandatory, one) if there is a
```

```
 // License Identifier assigned
```

```
 ExtractedText string `json:"extractedText"`
```

```
 // 10.3: License Name: single line of text or "NOASSERTION"
```

```
 // Cardinality: conditional (mandatory, one) if license is not
```

```
 // on SPDX License List
```

```
 LicenseName string `json:"name,omitempty"`
```

```
 // 10.4: License Cross Reference
```

```
 // Cardinality: conditional (optional, one or many) if license
```

```
 // is not on SPDX License List
```

```
 LicenseCrossReferences []string `json:"seeAlsos,omitempty"`
```

```
 //
```

```
 // 10.5: License Comment
```

```
 // Cardinality: optional, one
```

```
LicenseComment string `json:"comment,omitempty"`
}
```

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Paul Borman <borman@google.com>

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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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# Please keep the list sorted.

Alain Vongsouvanhalainv <alainv@google.com>  
Andrew Gerrand <adg@golang.org>  
Brad Fitzpatrick <bradfitz@golang.org>  
Eric Koleda <ekoleda+devrel@gogglers.com>  
Francesc Campoy <campoy@golang.org>  
Garrick Evans <garrick@google.com>  
Glenn Lewis <gmlewis@google.com>  
Ivan Krasin <krasin@golang.org>  
Jason Hall <jasonhall@google.com>  
Johan Euphrosine <proppy@google.com>  
Kostik Shtoyk <kostik@google.com>  
Kunpei Sakai <namusyaka@gmail.com>  
Matthew Dolan <dolan@lightstep.com>  
Matthew Whisenhunt <matt.whisenhunt@gmail.com>  
Michael McGreevy <mcgreevy@golang.org>  
Nick Craig-Wood <nickcw@gmail.com>  
Robbie Trencheny <me@robbiet.us>  
Ross Light <light@google.com>  
Sarah  
Adams <shadams@google.com>  
Scott Van Woudenberg <scottvw@google.com>  
Takashi Matsuo <tmatsuo@google.com>



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Alex A. Skinner

Andrew Tunnell-Jones

Ask Bjrn Hansen

Dave Cheney

Dusty Wilson

Marek Majkowski

Peter van Dijk

Omri Bahumi

Alex Sergeev

James Hartig

Anton Povarov <[anton.povarov@gmail.com](mailto:anton.povarov@gmail.com)>

Brian Goff <[cpuguy83@gmail.com](mailto:cpuguy83@gmail.com)>

Clayton Coleman <[ccoleman@redhat.com](mailto:ccoleman@redhat.com)>

Denis Smirnov <[denis.smirnov.91@gmail.com](mailto:denis.smirnov.91@gmail.com)>

DongYun Kang <[ceram1000@gmail.com](mailto:ceram1000@gmail.com)>

Dwayne Schultz <[dschultz@pivotal.io](mailto:dschultz@pivotal.io)>

Georg Apitz <[gapitz@pivotal.io](mailto:gapitz@pivotal.io)>

Gustav Paul <[gustav.paul@gmail.com](mailto:gustav.paul@gmail.com)>

Johan Brandhorst <[johan.brandhorst@gmail.com](mailto:johan.brandhorst@gmail.com)>

John Shahid <[jvshahid@gmail.com](mailto:jvshahid@gmail.com)>

John Tuley <[john@tuley.org](mailto:john@tuley.org)>

Laurent <[laurent@adyoulike.com](mailto:laurent@adyoulike.com)>

Patrick Lee <[patrick@dropbox.com](mailto:patrick@dropbox.com)>

Peter Edge <[peter.edge@gmail.com](mailto:peter.edge@gmail.com)>

Roger Johansson <[rogeralsing@gmail.com](mailto:rogeralsing@gmail.com)>

Sam Nguyen <[sam.nguyen@sendgrid.com](mailto:sam.nguyen@sendgrid.com)>

Sergio Arbo <[serabe@gmail.com](mailto:serabe@gmail.com)>

Stephen J Day <[stephen.day@docker.com](mailto:stephen.day@docker.com)>

Tamir Duberstein <[tamird@gmail.com](mailto:tamird@gmail.com)>

Todd Eisenberger <[teisenberger@dropbox.com](mailto:teisenberger@dropbox.com)>

Tormod Erevik Lea <[tormodlea@gmail.com](mailto:tormodlea@gmail.com)>

Vyacheslav Kim <[kane@sendgrid.com](mailto:kane@sendgrid.com)>

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Changes:

- \* Renamed files from `civil*` to `localtime*`.
- \* Package changed from `civil` to `toml`.
- \* 'Local' prefix added to all structs.

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# here. Please keep the list sorted by first names.

Ajay Joshi <jaj@google.com>

Balzs Dn <balazs.dan@gmail.com>

Benoit Sigoure <tsuna@google.com>

Bharat Mediratta <bharat@menalto.com>

Bogdan Piloica <boo@google.com>

Chandler Carruth <chandlerc@google.com>  
Chris Prince <cprince@google.com>  
Chris Taylor <taylorc@google.com>  
Dan Egnor <egnor@google.com>  
Dave MacLachlan <dmaclach@gmail.com>  
David Anderson <danderson@google.com>  
Dean Sturtevant  
Eric Roman <eroman@chromium.org>  
Gene Volovich <gv@cite.com>  
Hady Zalek <hady.zalek@gmail.com>  
Hal Burch <gmock@hburch.com>  
Jeffrey Yasskin <jyasskin@google.com>  
Jim Keller <jimkeller@google.com>  
Joe Walnes <joe@truemesh.com>  
Jon Wray <jwray@google.com>  
Ji Sigursson <joi@google.com>  
Keir Mierle <mierle@gmail.com>  
Keith Ray <keith.ray@gmail.com>  
Kenton Varda  
<kenton@google.com>  
Kostya Serebryany <kcc@google.com>  
Krystian Kuzniarek <krystian.kuzniarek@gmail.com>  
Lev Makhlis  
Manuel Klimek <klimek@google.com>  
Mario Tanev <radix@google.com>  
Mark Paskin  
Markus Heule <markus.heule@gmail.com>  
Martijn Vels <mvels@google.com>  
Matthew Simmons <simmonmt@acm.org>  
Mika Raento <mikie@iki.fi>  
Mike Bland <mbland@google.com>  
Mikls Fazekas <mfazekas@szemafor.com>  
Neal Norwitz <nnorwitz@gmail.com>  
Nermin Ozkiranartli <nermin@google.com>  
Owen Carlsen <ocarlsen@google.com>  
Paneendra Ba <paneendra@google.com>  
Pasi Valminen <pasi.valminen@gmail.com>  
Patrick Hanna <phanna@google.com>  
Patrick Riley <pfr@google.com>  
Paul Menage <menage@google.com>  
Peter Kaminski <piotr@google.com>  
Piotr Kaminski <piotr@google.com>  
Preston Jackson <preston.a.jackson@gmail.com>  
Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com>  
Russ Cox <rsc@google.com>  
Russ Rufer <russ@pentad.com>  
Sean McAfee <eefacm@gmail.com>  
Sigurur sgeirsson <siggi@google.com>

Sverre Sundsdal <sundsald@gmail.com>  
Szymon  
Sobik <sobik.szymon@gmail.com>  
Takeshi Yoshino <tyoshino@google.com>  
Tracy Bialik <tracy@pentad.com>  
Vadim Berman <vadimb@google.com>  
Vlad Losev <vladl@google.com>  
Wolfgang Klier <wklier@google.com>  
Zhanyong Wan <wan@google.com>

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```

package spec

```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL string `json:"url,omitempty"`
}
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```

package spec

import "testing"

```
func TestIntegrationLicense(t *testing.T) {
 license := License{Name: "the name", URL: "the url"}
 const licenseJSON = `{"name":"the name","url":"the url"}`
}
```



```
const licenseYAML = "name: the name\nurl: the url\n"
```

```
assertSerializeJSON(t, license, licenseJSON)
assertParsesJSON(t, licenseJSON, license)
}
```

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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, 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 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
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://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 <https://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.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
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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
2.2 and above	2.1.1	2001-now		
PSF	yes			

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ca-bundle.crt -- Bundle of CA Root Certificates

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<https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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pyparser -- A C parser in Python

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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
2.6.1	2.6	2008	PSF	yes
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
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
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The code contained in this directory was automatically generated using the following command:

```
python -m validate_pyproject.pre_compile --output-dir=setuptools/config/_validate_pyproject --enable-plugins
setuptools distutils --very-verbose -t distutils=setuptools/config/distutils.schema.json -t
setuptools=setuptools/config/setuptools.schema.json
```

Please avoid changing it manually.

You can report issues or suggest changes directly to ``validate-pyproject``  
(or to the relevant plugin repository)

- <https://github.com/abralvalheri/validate-pyproject/issues>

\*\*\*

The following files include code from opensource projects  
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- ``fastjsonschema_exceptions.py``:
  - project: ``fastjsonschema`` - licensed under BSD-3-Clause  
(<https://github.com/horejsek/python-fastjsonschema>)
- ``extra_validations.py`` and ``format.py``, ``error_reporting.py``:
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Additionally

the following files are automatically generated by tools provided  
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- ``__init__.py``
- ``fastjsonschema_validations.py``

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`fastjsonschema`

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`validate-pyproject`

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## 1.695 zstd 1.5.2

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## 1.696 zstd-jni 1.5.2-1

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Manifest-Version: 1.0

Automatic-Module-Name: com.github.luben.zstd\_jni

Bnd-LastModified: 1642851452470

Bundle-Description: JNI bindings for Zstd native library that provides fast and high compression lossless algorithm for Java and all JVM languages.

Bundle-License: <https://opensource.org/licenses/BSD-2-Clause>;description=BSD 2-Clause License

Bundle-ManifestVersion: 2

Bundle-Name: zstd-jni

Bundle-NativeCode: darwin/x86\_64/libzstd-jni-1.5.2-1.dylib;osname=MacO

S;osname=MacOSX;processor=x86\_64, darwin/aarch64/libzstd-jni-1.5.2-1.

dylib;osname=MacOS;osname=MacOSX;processor=aarch64, freebsd/amd64/lib

zstd-jni-1.5.2-1.so;osname=FreeBSD;processor=amd64, freebsd/i386/libzstd-jni-1.5.2-1.so;osname=FreeBSD;processor=i386, linux/aarch64/libzstd-jni-1.5.2-1.so;osname=Linux;processor=aarch64, linux/amd64/libzstd-jni-1.5.2-1.so;osname=Linux;processor=amd64, linux/arm/libzstd-jni-1.5.2-1.so;osname=Linux;processor=arm, linux/i386/libzstd-jni-1.5.2-1.so;osname=Linux;processor=i386, linux/mips64/libzstd-jni-1.5.2-1.so;osname=Linux;processor=mips64, linux/ppc64/libzstd-jni-1.5.2-1.so;osname=Linux;processor=ppc64, linux/ppc64le/libzstd-jni-1.5.2-1.so;osname=Linux;processor=ppc64le, linux/s390x/libzstd-jni-1.5.2-1.so;osname=Linux;processor=s390x, win/amd64/libzstd-jni-1.5.2-1.dll;osname=Win32;processor=amd64, win/x86/libzstd-jni-1.5.2-1.dll;osname=Win32;processor=x86

Bundle-SymbolicName: com.github.luben.zstd-jni  
Bundle-Vendor: com.github.luben  
Bundle-Version: 1.5.2.1  
Created-By: 11.0.14 (Debian)  
Export-Package: com.github.luben.zstd;version="1.5.2.1",com.github.luben.zstd.util;version="1.5.2.1"  
Implementation-Title: zstd-jni  
Implementation-Vendor: com.github.luben  
Implementation-Vendor-Id: com.github.luben  
Implementation-Version: 1.5.2-1  
Import-Package: org.osgi.framework;resolution:=optional  
Private-Package: linux.amd64,linux.i386,linux.aarch64,linux.arm,linux.ppc64,linux.ppc64le,linux.mips64,linux.s390x,darwin.x86\_64,darwin.aarch64,win.amd64,win.x86,freebsd.amd64,freebsd.i386  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=11.0))"  
"  
Specification-Title: zstd-jni  
Specification-Vendor: com.github.luben  
Specification-Version: 1.5.2-1  
Tool: Bnd-4.0.0.201805111645

Found in path(s):

\* /opt/cola/permits/1891228067\_1705939701.7854912/0/zstd-jni-1-5-2-1-5-jar/META-INF/MANIFEST.MF

# 1.697 Iz4-java 1.8.0

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## 1.707 objenesis 3.2

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Go support for Protocol Buffers - Google's data interchange format

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Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman <ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz <gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst <johan.brandhorst@gmail.com>

John Shahid <jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <laurent@adyoulike.com>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson <rogersaling@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

Vyacheslav Kim <kane@sendgrid.com>

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<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
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 </executions>
</plugin>
</plugins>
</build>
</project>

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Found in path(s):

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Manifest-Version: 1.0

Bundle-Description: JSR305 Annotations for Findbugs

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-SymbolicName: org.jsr-305

Archiver-Version: Plexus Archiver

Built-By: lan

Bnd-LastModified: 1490936130302

Bundle-ManifestVersion: 2

Tool: Bnd-2.1.0.20130426-122213

Export-Package: javax.annotation;uses:="javax.annotation.meta";version="3.0.2",javax.annotation.concurrent;version="3.0.2",javax.annotation.meta;uses:="javax.annotation";version="3.0.2"

Bundle-Name: FindBugs-jsr305

Bundle-Version: 3.0.2

Created-By: Apache Maven Bundle Plugin

Build-Jdk: 1.8.0\_101

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