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1.317.1 Available under license

1.318 xml-apis 1.4.01

1.318.1 Available under license

1.319 jakarta-servlet-api 6.0.0

1.319.1 Available under license

1.320 openssl 3.1.4-r6

1.320.1 Available under license

1.321 log4j-layout-template-json 2.17.2

1.321.1 Available under license

1.322 swagger-annotations 2.0.8

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1.323 commons-digester 2.1

1.323.1 Available under license

1.324 libcrypto3 3.1.4-r6

1.324.1 Available under license

1.325 picocontainer 2.15

1.325.1 Available under license

1.326 guice-persist 4.2.2

1.326.1 Available under license

1.327 micronaut-context-propagation 4.3.7

1.327.1 Available under license

1.328 httpcomponents-mime 4.5.12

1.328.1 Available under license

1.329 okhttp 4.12.0

1.329.1 Available under license

1.330 core-server 0.9.0

1.330.1 Available under license

1.331 jackson-databind 2.16.0

1.331.1 Available under license

1.332 jackson-annotations 2.16.0

1.332.1 Available under license

1.333 javaparser-symbol-solver-core 3.25.8

1.333.1 Available under license

1.334 dropwizard-jersey 2.1.2

1.334.1 Available under license

1.335 dom 1.0

1.335.1 Available under license

1.336 micronaut-json-core 4.3.7

1.336.1 Available under license

1.337 dropwizard-request-logging 2.1.2

1.337.1 Available under license

1.338 busybox 1.36.1-r15

1.338.1 Available under license

1.339 opentelemetry-context 1.32.0

1.339.1 Available under license

1.340 jackson-dataformat-yaml 2.15.3

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1.341 jackson-dataformat-cbor 2.16.0

1.341.1 Available under license

1.342 latencyutils 2.0.3

1.343 opentelemetry-api 1.32.0

1.343.1 Available under license

1.344 jersey-media-json-jackson 2.37

1.344.1 Available under license

1.345 drop-wizard-metrics 2.1.2

1.345.1 Available under license

1.346 opentelemetry-sdk 1.32.0

1.346.1 Available under license

1.347 okhttp 4.11.0

1.347.1 Available under license

1.348 jakarta-inject 2.6.1

1.348.1 Available under license

1.349 resilience4j-core 1.7.1

1.349.1 Available under license

1.350 kafka-avro-serializer 7.5.1

1.350.1 Available under license
1.351 ca-certificates-bundle 20240226-r0
1.351.1 Available under license
1.352 rocksdbjni 7.0.3
1.352.1 Available under license
1.353 okio 3.6.0
1.353.1 Available under license
1.354 micronaut-micrometer-core 5.4.0
1.354.1 Available under license
1.355 dropwizard-health 2.1.2
1.355.1 Available under license
1.356 metrics 2.2.0
1.356.1 Available under license
1.357 rxjava 2.2.8
1.358 opentelemetry-sdk 1.29.0
1.358.1 Available under license
1.359 metrics-logback 4.0.5
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1.360 servlet-api 3.0.1
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1.361 micronaut-context 4.3.7
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1.362 micronaut-management 4.3.7
1.362.1 Available under license
1.363 scanelf 1.3.7-r2
1.363.1 Available under license
1.364 commons-logging 1.2
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1.365 jackson-jaxrs-base 2.16.0
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1.366 lz4-java 1.8.0
1.366.1 Available under license
1.367 guice-servlet 4.2.2
1.367.1 Available under license
1.368 commons-lang 2.6
1.368.1 Available under license
1.369 scala-logging_2.12 3.9.2
1.369.1 Available under license

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.

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In plain English:

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2. You can use this software for whatever you want. You don't have to pay us.
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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](ftp://ftp.uu.net/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/](http://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 PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites,

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

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

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

FILE FORMAT WARS

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

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

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

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether

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

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

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

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

As always, speeding things up is of great interest.

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

1.2 bzip2 1.0.8

1.3 giflib 5.2.1

1.3.1 Available under license :

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

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1.4 Iz4 1.2.11

1.4.1 Available under license :

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Version 2, June 1991

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

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- * Tatu Saloranta

- * Providing benchmark suite

- * Alec Wysoker

- * Performance and memory usage improvement

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

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1.7 zstd 1.4.9

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

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1.9 leveldb 1.23-r0

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1.10 libpng 1.6.39

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1.11 libcxxabi 1.1.10.5

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Manifest-Version: 1.0
Bnd-LastModified: 1695799258578
Bundle-ActivationPolicy: lazy
Bundle-Activator: org.xerial.snappy.SnappyBundleActivator

Bundle-Description: snappy-java: A fast compression/decompression library

Bundle-DocURL: <http://www.xerial.org/>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: snappy-java: A fast compression/decompression library

Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=amd64,org/xerial/snappy/native/Windows/x86/snappyjava.dll;osname=win32;processor=x86,org/xerial/snappy/native/Mac/x86/libsnappyjava.jnilib;osname=macosx;processor=x86,org/xerial/snappy/native/Mac/x86_64/libsnappyjava.dylib;osname=macosx;processor=x86-64,org/xerial/snappy/native/Mac/aarch64/libsnappyjava.dylib;osname=macosx;processor=aarch64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x86-64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=amd64,org/xerial/snappy/native/Linux/x86/libsnappyjava.so;osname=linux;processor=x86,org/xerial/snappy/native/Linux/aarch64/libsnappyjava.so;osname=linux;processor=aarch64,org/xerial/snappy/native/Linux/riscv64/libsnappyjava.so;osname=linux;processor=riscv64,org/xerial/snappy/native/Linux/arm/libsnappyjava.so;osname=linux;processor=arm,org/xerial/snappy/native/Linux/armv7/libsnappyjava.so;osname=linux;processor=arm_le,org/xerial/snappy/native/Linux/ppc64/libsnappyjava.so;osname=linux;processor=ppc64le,org/xerial/snappy/native/Linux/s390x/libsnappyjava.so;osname=linux;processor=s390x,org/xerial/snappy/native/AIX/ppc/libsnappyjava.a;osname=aix;processor=ppc,org/xerial/snappy/native/AIX/ppc64/libsnappyjava.a;osname=aix;processor=ppc64,org/xerial/snappy/native/SunOS/x86/libsnappyjava.so;osname=sunos;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.so;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/libsnappyjava.so;osname=sunos;processor=sparc

Bundle-SymbolicName: org.xerial.snappy.snappy-java

Bundle-Vendor: xerial.org

Bundle-Version: 1.1.10.5

Created-By: 11.0.20 (Azul Systems, Inc.)

Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial.snappy.buffer,org.xerial.snappy.pool";version="1.1.10",org.xerial.snappy.buffer;version="1.1.10",org.xerial.snappy.pool;version="1.1.10"

Implementation-Title: snappy-java

Implementation-URL: <https://github.com/xerial/snappy-java>

Implementation-Vendor: xerial.org

Implementation-Vendor-Id: org.xerial.snappy

Implementation-Version: 1.1.10.5

Import-Package: org.osgi.framework;version="[1.5,2)"

Private-Package:

org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.na
tive.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.sna
ppy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-aarch
64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.nativ
e.Linux.arm,org.xerial.snappy.native.Linux.armv6,org.xerial.snappy.na
tive.Linux.armv7,org.xerial.snappy.native.Linux.ppc,org.xerial.snappy
.native.Linux.ppc64,org.xerial.snappy.native.Linux.ppc64le,org.xerial
.snappy.native.Linux.riscv64,org.xerial.snappy.native.Linux.s390x,org
.xerial.snappy.native.Linux.x86,org.xerial.snappy.native.Linux.x86_64
,org.xerial.snappy.native.Mac.aarch64,org.xerial.snappy.native.Mac.x8
6,org.xerial.snappy.native.Mac.x86_64,org.xerial.snappy.native,org.xe
rial.snappy.native.SunOS.sparc,org.xerial.snappy.native.SunOS.x86,org
.xerial.snappy.native.SunOS.x86_64,org.xerial.snappy.native.Windows.a
arch64,org.xerial.snappy.native.Windows.x86,org.xerial.snappy.native.
Windows.x86_64

Require-Capability:

osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"

Specification-Title: snappy-java

Specification-Vendor: xerial.org

Specification-Version: 1.1.10.5

Tool: Bnd-5.1.2.202007211702

Found in path(s):

* /snappy-java-1-1-10-5-jar/META-INF/MANIFEST.MF

1.12 openjdk-jre 17.0.10u7

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- doc/example/pcsc_demo.c

- the files in src/spy/

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Mesa 3-D Graphics Library v19.2.1

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Device drivers	src/mesa/drivers/*	MIT, generally
Gallium code	src/gallium/	MIT
Ext headers	GL/glext.h	Khronos
	GL/glxt.h	Khronos
	GL/wglxt.h	Khronos
	KHR/khrplatform.h	Khronos

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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jopt-simple v5.0.4

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* httpd@ncsa.uiuc.edu
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```

For the `src\lib\apr\passwd\apr_md5.c` component:

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```
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```
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```

For the test\zb.c component:

```
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=====
```

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

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

*/

For the expat xml parser component:

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```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"><head><!--
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X

    This file is generated from xml source: DO NOT EDIT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X

-->
<title>The Apache License, Version 2.0 - Apache HTTP Server Version 2.4</title>
<link href="/style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="/style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No
Sidebar - Default font size" />
<link href="/style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet"
type="text/css" href="/style/css/prettify.css" />
<script src="/style/scripts/prettify.min.js" type="text/javascript">
</script>

<link
href="/images/favicon.ico" rel="shortcut icon" /></head>
<body id="manual-page" class="no-sidebar"><div id="page-header">
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
```


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</div>

</div>

<div class="bottomlang">

<p>Available Languages: en </p>

</div><div class="top"></div><div

class="section"><h2>Comments</h2><div

class="warning">Notice:
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```

<script type="text/javascript"><!--><![CDATA[//><!--
var comments_shortcode = 'httpd';
var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
(function(w, d) {
  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
    d.write('<div id="comments_thread"></div>');
    var s = d.createElement('script');
    s.type = 'text/javascript';
    s.async = true;
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortcode + '&page=' +
comments_identifier;
    (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
  }
  else {
    d.write('<div id="comments_thread">Comments are disabled for this page at the moment.</div>');
  }
})(window, document);
//--><![></script></div><div id="footer">
<p class="apache">Copyright 2015 The Apache Software Foundation.<br />Licensed under the <a
href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
href="/sitemap.html">Sitemap</a></p></div><script type="text/javascript"><!--><![CDATA[//><!--
if (typeof(prettyPrint) !== 'undefined') {
  prettyPrint();
}
//--><![></script>
</body></html>

```

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```
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#####  
/*  
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```

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1.17 free-type v2.13.0

1.17.1 Available under license :

```
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#  
# All lines in this file are patterns (relative to the top-level directory),  
# including the comment lines; this means that e.g. `FTL.TXT' matches all  
# files that have this string in the file name (including the path relative  
# to the current directory, always starting with `./').  
#  
# Don't put empty lines into this file!  
#  
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/bdfplib.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/ftzconf.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/ftrandom/ftrandom.c
#
subprojects/dlg
#
#
```

EOF

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1.19 jre 17.0.10+7-LTS

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1.20 zstd 1.5.2

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1.21 micronaut-router 4.3.7

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* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/version/RouteVersionFilter.java

* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/DefaultUrlRouteInfo.java

* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/DefaultMethodBasedRouteInfo.java

*

/micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/DefaultErrorRouteInfo.java

* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/DefaultRequestMatcher.java

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- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/version/resolution/ParameterVersionResolverConfiguration.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/exceptions/DuplicateRouteException.java
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- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/exceptions/UnsatisfiedRouteException.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/exceptions/UnsatisfiedHeaderRouteException.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/UriRouteInfo.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/StatusRouteMatch.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/version/VersionAwareRouterListener.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/ErrorMessage.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/version/RoutesVersioningConfiguration.java
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- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/AbstractRouteMatch.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/Router.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/version/resolution/package-info.java
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- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/MethodBasedRouteInfo.java
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- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/exceptions/UnsatisfiedPathVariableRouteException.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/exceptions/UnsatisfiedQueryValueRouteException.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/ErrorMessage.java
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- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/package-info.java
- * /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/ErrorMessage.java

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* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/version/ConfigurationDefaultVersionProvider.java
* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/version/package-info.java
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* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/DefaultRouter.java
* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/RouteMatch.java
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* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/AnnotatedMethodRouteBuilder.java
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* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/exceptions/RoutingException.java
* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/DefaultRouteBuilder.java
* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/StatusRoute.java
* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/exceptions/UnsatisfiedBodyRouteException.java
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* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/exceptions/package-info.java
* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/filter/FilteredRouter.java
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* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/ServerFilterRouteBuilder.java

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```

* /micronaut-router-4-3-7-sources-jar/io/micronaut/web/router/resource/StaticResourceResolverFactory.java

```

1.22 jersey-container-servlet-core 2.37

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1.23 vault-java-driver 5.1.0

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* /annotations-13-0-sources-jar/org/intellij/lang/annotations/Language.java
* /annotations-13-0-sources-jar/org/intellij/lang/annotations/PrintFormat.java
*
/annotations-13-0-sources-jar/org/intellij/lang/annotations/RegExp.java
* /annotations-13-0-sources-jar/org/intellij/lang/annotations/Subst.java
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1.28 jackson-dataformat-yaml 2.16.0

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1.29 scala-collection-compat_2.12 2.10.0

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- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/util/control/compat/ControlThrowable.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/collection/compat/package.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/collection/compat/immutable/LazyList.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/jdk/OptionShape.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/annotation/unused.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/collection/compat/BuildFrom.scala
- *
- /scala-collection-compat-2-12-2-10-0-sources-jar/scala/collection/compat/StringParsers.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/jdk/OptionConverters.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/jdk/javaapi/CollectionConverters.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/util/ChainingOps.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/util/Using.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/collection/compat/CompatImpl.scala
- * /scala-collection-compat-2-12-2-10-0-sources-jar/scala/jdk/CollectionConverters.scala
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1.30 kafka-protobuf-serializer 7.5.1

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```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">

<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
```

```

<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

```

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```
-->
```

```
</head>
```

```
<body>
```

```
<!-- Navigation -->
```

```
<header>
```

```
<nav class="navbar navbar-default navbar-fixed-top">
```

```
<div class="container">
```

```
<div class="navbar-header">
```

```
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
```

```
<span class="sr-only">Toggle navigation</span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
<span class="icon-bar"></span>
```

```
</button>
```

```
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
```

```
</div>
```

```
<div class="collapse navbar-collapse" id="mainnav-collapse">
```

```
<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;<a href="/licenses/">Licenses</a></div>
```

```
<ul class="nav navbar-nav navbar-right">
```

```
<li class="dropdown">
```

```
<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
```

```
<ul class="dropdown-menu"
```

```
role="menu">
```

```
<li><a href="/foundation">Overview</a></li>
```

```
<li><a href="/foundation/members.html">Members</a></li>
```

```
<li><a href="/foundation/how-it-works.html">Process</a></li>
```

```
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
```

```

    <li><a href="/foundation/glossary.html">Glossary</a></li>
    <li><a href="/foundation/preFAQ.html">FAQ</a></li>
    <li><a href="/foundation/contact.html ">Contact</a></li>
  </ul>
</li>
<li><a href="/index.html#projects-list">Projects</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="http://people.apache.org/">Overview</a></li>
    <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
    <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
    <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
    <li><a href="http://planet.apache.org/">Planet Apache</a></li>
  </ul>
</li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
<div class="col-md-9 col-sm-8 col-xs-12">
  

```

```

</div>
<div class="col-md-3 col-sm-4 col-xs-12">
  <div class="input-group" style="margin-bottom: 5px;">
    <script>
(function() {
  var cx = '005703438322411770421:5mgshgrgx2u';
  var gcse = document.createElement('script');
  gcse.type = 'text/javascript';
  gcse.async = true;
  gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
  var s = document.getElementsByTagName('script')[0];
  s.parentNode.insertBefore(gcse, s);
})();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
</div>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover >
.headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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```

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</pre></div></div>

<!-- Footer -->

<footer class="bg-primary">

<div class="container">

<div class="row">

<div class="col-sm-1">

</div>

<div class="col-sm-2">

<h5 class="white">Community</h5>

<ul class="list-unstyled white" role="menu">

Overview

Conferences


```
<li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
<li><a href="/travel/">Travel Assistance</a></li>
<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
<li><a href="http://community.apache.org/newbiefaq.html">Community
FAQ</a></li>
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Innovation</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="http://incubator.apache.org/">Incubator</a></li>
    <li><a href="http://labs.apache.org/">Labs</a></li>
    <li><a href="/licenses/">Licensing</a></li>
    <li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/dev/">Developer Information</a></li>
    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
```

```

<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a
href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
<div class="col-lg-12">
    <p class="text-center">Copyright &#169; 2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
</div>
</div>
</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

```

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<html><head>
<title>301 Moved Permanently</title>
</head><body>
<h1>Moved Permanently</h1>
<p>The document has moved here.</p>
</body></html>

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: schema-registry

Source: <https://github.com/confluentinc/schema-registry>

Files: *

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Files: core/*

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The following commands were used to generate license and notice files. Replace <VERSION> with the Schema Registry version, <SRC_PATH> with the path to the Schema Registry source directory, and <LICENSE_TOOL_PATH> with the path of the license tool.

```
cd <SRC_PATH>
mvn package -DskipTests
mkdir /tmp/jars
mkdir /tmp/overrides
cp package-schema-registry/target/kafka-schema-registry-package-<VERSION>-package/share/java/schema-registry/*.jar /tmp/jars/
cp package-kafka-serde-tools/target/kafka-serde-tools-package-<VERSION>-package/share/java/kafka-serde-tools/*.jar /tmp/jars/
cd <LICENSE_TOOL_PATH>
./bin/run_license_job.bash -i /tmp/jars -l <SRC_PATH>/licenses -n <SRC_PATH>/notices -h <SRC_PATH>/licenses-and-notices.html -o /tmp/overrides
```

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```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html lang="en-US">
```

```
<head>
```

```
<title>GlassFish Dual License Header and License Notice GPL v2 and CDDL</title>
```

```
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
```

```
<style type="text/css">
```

```
li {display: block;}
```

```
</style>
```

```
</head>
```

```
<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">
```

```
<h3>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0</h3>
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<ul>
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<li><p><b>1. Definitions.</b></p>
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<li>
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<p>
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1.1. “Contributor” means each individual or entity that creates or contributes to the creation of Modifications.

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<p>

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<p>

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 </p>

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 </p>

 <p>
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 </p>

 <p>
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 </p>

<p>

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

-

```

    One line to give the program's name and a brief idea of what it does.
</p>
</li>
<li>
<p>
    Copyright (C) <year> <name of author>
</p>
</li>
<li>
<p>
    This program is free software; you can redistribute it and/or modify it
    under the terms of the GNU General Public License as published by the
    Free Software Foundation; either version 2 of the License, or (at your
    option) any later version.
</p>

</li>
<li>
<p>
    This program is distributed in the hope that it will be useful, but
    WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY
    or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License
    for more details.
</p>
</li>
<li>
<p>
    You should have received a copy of the GNU General Public License along
    with this program; if not, write to the Free Software Foundation, Inc.,
    59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
</p>
</li>
</ul>
<p>
    Also add information on how to contact you by electronic and paper mail.
</p>
<p>
    If the program is interactive, make it output a short notice like this
    when it starts in an interactive mode:
</p>
<ul>
<li>
<p>
    Gnomovision version 69, Copyright (C) year name of author<br />
    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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</p>

<p>

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</p>

</body>

</html>

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), 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.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

```

<meta name="description" content="Home page of The Apache Software Foundation">

<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Licenses</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

```

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```

</head>

<body>
<!--
Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
  <div class="container">
    <div class="navbar-header">

```

```

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
  <span class="sr-only">Toggle navigation</span>
  <span class="icon-bar"></span>
  <span class="icon-bar"></span>
  <span class="icon-bar"></span>
</button>
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
  <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;&nbsp;<a
href="/licenses/">Licenses</a></div>
  <ul class="nav navbar-nav navbar-right">
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="/foundation">Overview</a></li>
        <li><a href="/foundation/members.html">Members</a></li>
        <li><a href="/foundation/how-it-works.html">Process</a></li>
        <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
        <li><a href="/foundation/glossary.html">Glossary</a></li>
        <li><a href="/foundation/preFAQ.html">FAQ</a></li>
        <li><a href="/foundation/contact.html ">Contact</a></li>
      </ul>
    </li>
    <li><a href="/index.html#projects-list">Projects</a></li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="http://people.apache.org/">Overview</a></li>
        <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
        <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
        <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
        <li><a href="http://planet.apache.org/">Planet Apache</a></li>
      </ul>
    </li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="/foundation/getinvolved.html">Overview</a></li>
        <li><a href="http://community.apache.org/">Community Development</a></li>
        <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
        <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
      </ul>
    </li>
    <li><a href="/dyn/closer.cgi">Download</a></li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span

```

```

class="caret"></span></a>
    <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
    </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
<div class="col-md-9 col-sm-8 col-xs-12">
    
</div>
<div class="col-md-3 col-sm-4 col-xs-12">
    <div class="input-group" style="margin-bottom: 5px;">
    <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();
</script>
    <gcse:searchbox-only></gcse:searchbox-only>
</div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.

```

```

*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover
> .elementid-permalink { visibility: visible }</style>
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their work within Apache.</p>
<h1 id="distributions">Licensing of Distributions<a class="headerlink" href="#distributions" title="Permanent
link">&para;</a></h1>
<p>All software produced by The Apache Software Foundation or any of its
projects or subjects is licensed according to the terms
of the documents
listed below.</p>
<h3 id="2.0">Apache License, Version 2.0 (current)<a class="headerlink" href="#2.0" title="Permanent
link">&para;</a></h3>
<p><a href="LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> (
<a href="LICENSE-2.0.txt">TXT</a> or <a href="LICENSE-2.0.html">HTML</a> )</p>
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asked questions, to allow the license to be reusable without modification
by any project (including non-ASF projects), to allow the license to be
included by reference instead of listed in every file, to clarify the
license on submission of contributions, to require a patent license on
contributions that necessarily infringe the contributor's own patents, and
to move comments regarding Apache and other inherited attribution notices
to a location outside the license terms (the <a href="example-NOTICE.txt">NOTICE
file</a> ).</p>
<p>The
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determine if this version of the Apache License is <a href="GPL-compatibility.html">compatible with the
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in * <a href="./dev/apply-license.html">Applying the Apache License, Version 2.0</a>

```


*.

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If you prefer to sign electronically, please fill the form, save it locally (e.g. icla.pdf), and sign the file by preparing a detached PGP signature. For example,

```
gpg --armor --detach-sign icla.pdf
```

The above will create a file icla.pdf.asc. Send both the file and signature as attachments in the same email to secretary@apache.org. Please send only one document (file plus signature) per email. Please do not submit your public key to Apache. Instead, please upload your public key to pgpkeys.mit.edu.

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Footer

```

</div>
<div class="col-sm-2">
    <h5 class="white">Community</h5>
    <ul class="list-unstyled white" role="menu">
        <li><a href="http://community.apache.org/">Overview</a></li>
        <li><a href="/foundation/conferences.html">Conferences</a></li>
        <li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
        <li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
        <li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
        <li><a href="/travel/">Travel Assistance</a></li>
        <li><a href="/foundation/getinvolved.html">Get
Involved</a></li>
        <li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
    </ul>
</div>

```

```

<div class="col-sm-2">
    <h5 class="white">Innovation</h5>
    <ul class="list-unstyled white" role="menu">
        <li><a href="http://incubator.apache.org/">Incubator</a></li>
        <li><a href="http://labs.apache.org/">Labs</a></li>
        <li><a href="/licenses/">Licensing</a></li>
        <li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
        <li><a href="/foundation/marks/">Trademark Policy</a></li>
        <li><a href="/foundation/contact.html">Contacts</a></li>
    </ul>
</div>

```

```

<div class="col-sm-2">
    <h5 class="white">Tech Operations</h5>
    <ul class="list-unstyled white" role="menu">
        <li><a href="/dev/">Developer Information</a></li>
        <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
        <li><a href="/security/">Security</a></li>
        <li><a href="http://status.apache.org">Status</a></li>
        <li><a href="/foundation/contact.html">Contacts</a></li>
    </ul>
</div>

```

```

<div class="col-sm-2">
    <h5 class="white">Press</h5>
    <ul class="list-unstyled white" role="menu">
        <li><a href="/press/">Overview</a></li>
        <li><a href="https://blogs.apache.org/">ASF News</a></li>
        <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
        <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
        <li><a href="/press/#contact">Contacts</a></li>
    </ul>
</div>

```

```

    </ul>
</div>

<div class="col-sm-2">
  <h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy
Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright © 2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
  </div>
</div>
</div>

</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

```

This product currently only contains code developed by authors of specific components, as identified by the source code files; if such notes are missing files have been created by Tatu Saloranta.

For additional credits (generally to people who reported problems) see CREDITS file.

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Version 2.0, January 2004

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1.31 metrics-httpasyncclient 4.0.5

1.31.1 Available under license :

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1.32 animal-sniffer-annotation 1.23

1.32.1 Available under license :

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1.33 commons-io 2.11.0

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1.34 bean-validation-api 2.0.1.Final

1.34.1 Available under license :

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1.35 agent-api 4.5.13.27526

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```
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/bootstrap/IApiBootstrapFacade.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/ExitTypes.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/bootstrap/NoOpTransactionDelegate.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/bootstrap/IApiTransactionDelegate.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/EntryTypes.java
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```
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* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/impl/NoOpExitCall.java
```

- * /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/ExitCall.java
- * /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/EumDelegate.java
- * /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/EventPublisher.java
- * /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/MetricPublisher.java
- * /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/impl/NoOpTransaction.java
- * /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/Transaction.java

1.36 commons-fileupload 1.5

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1.38 jackson-dataformat-csv 2.16.0

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* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/JavaFile.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/AnnotationSpec.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/TypeName.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/CodeWriter.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/MethodSpec.java

*

/javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/TypeVariableName.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/NameAllocator.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/FieldSpec.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/CodeBlock.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/Util.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/ParameterizedTypeName.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/TypeSpec.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/ArrayTypeName.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/WildcardTypeName.java

* /javapoet-1-13-0-sources-1-jar/com/squareup/javapoet/ParameterSpec.java

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1.40 asm 9.1

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- * /asm-9-1-sources-jar/org/objectweb/asm/signature/package.html

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* /asm-9-1-sources-jar/org/objectweb/asm/signature/SignatureReader.java  
*  
/asm-9-1-sources-jar/org/objectweb/asm/Context.java  
* /asm-9-1-sources-jar/org/objectweb/asm/TypeReference.java  
* /asm-9-1-sources-jar/org/objectweb/asm/FieldVisitor.java  
* /asm-9-1-sources-jar/org/objectweb/asm/MethodTooLargeException.java  
* /asm-9-1-sources-jar/org/objectweb/asm/ModuleVisitor.java  
* /asm-9-1-sources-jar/org/objectweb/asm/ClassTooLargeException.java  
* /asm-9-1-sources-jar/org/objectweb/asm/ClassWriter.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Attribute.java  
* /asm-9-1-sources-jar/org/objectweb/asm/ClassVisitor.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Handler.java  
* /asm-9-1-sources-jar/org/objectweb/asm/FieldWriter.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Type.java  
* /asm-9-1-sources-jar/org/objectweb/asm/AnnotationWriter.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Edge.java  
* /asm-9-1-sources-jar/org/objectweb/asm/MethodWriter.java  
* /asm-9-1-sources-jar/org/objectweb/asm/ByteVector.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Constants.java  
*  
/asm-9-1-sources-jar/org/objectweb/asm/ConstantDynamic.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Label.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Handle.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Opcodes.java  
* /asm-9-1-sources-jar/org/objectweb/asm/ClassReader.java  
* /asm-9-1-sources-jar/org/objectweb/asm/AnnotationVisitor.java  
* /asm-9-1-sources-jar/org/objectweb/asm/signature/SignatureVisitor.java  
* /asm-9-1-sources-jar/org/objectweb/asm/Frame.java  
* /asm-9-1-sources-jar/org/objectweb/asm/SymbolTable.java  
* /asm-9-1-sources-jar/org/objectweb/asm/ModuleWriter.java
```


- * /asm-9-1-sources-jar/org/objectweb/asm/MethodVisitor.java
- * /asm-9-1-sources-jar/org/objectweb/asm/RecordComponentWriter.java
- * /asm-9-1-sources-jar/org/objectweb/asm/Symbol.java
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1.41 micronaut-http-client 4.3.7

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- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/ReactiveClientReader.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/ReactiveClientWriter.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/ResettableReadTimeoutHandler.java

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- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/DefaultNettyHttpClientRegistry.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/ssl/package-info.java
- *
- /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/ssl/NettyClientSslBuilder.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/NettyHttpClientFactory.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/converters/package-info.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/websocket/package-info.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/NettyClientHttpRequest.java
- * /micronaut-http-client-4-3-7-sources-
- jar/io/micronaut/http/client/netty/websocket/NettyWebSocketClientHandler.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/FullNettyClientHttpResponse.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/NettyClientHttpRequestFactory.java
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- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/MutableHttpRequestWrapper.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/InitialConnectionErrorHandler.java
- *
- /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/NettyPromiseSubscriber.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/NettyFuturePublisher.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/PoolSink.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/NettyClientCustomizer.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/CompositeNettyClientCustomizer.java
- * /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/HttpLineBasedFrameDecoder.java
- * /micronaut-http-client-4-3-7-sources-

```
jar/io/micronaut/http/client/netty/SimpleChannelInboundHandlerInstrumented.java
* /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/ConnectionManager.java
* /micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/PoolResizer.java
*
/micronaut-http-client-4-3-7-sources-jar/io/micronaut/http/client/netty/DefaultHttpClient.java
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1.42 jboss-logging 3.4.2.Final

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1.44 scala-reflect 2.12.8

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 * (http://www.apache.org/licenses/LICENSE-2.0).
 *
 * See the NOTICE file distributed with this work for
 * additional information regarding copyright ownership.
 */
/** The entry point into Scala runtime reflection.
 *
 * To use Scala runtime reflection, simply use or import `scala.reflect.runtime.universe._`
 *
 * See [[scala.reflect.api.Universe]] or the
 * [[http://docs.scala-lang.org/overviews/reflection/environment-universes-mirrors.html Reflection Guide:
 Universes]]
 * for more details.
 */
```

Found in path(s):

* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/package.scala

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

```
/*
 * Scala (https://www.scala-lang.org)
 *
 * Copyright EPFL and Lightbend, Inc.
 *
 * Licensed under Apache License 2.0
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 * additional information regarding copyright ownership.
 */
```

Found in path(s):

* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/ClassfileConstants.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/InfoTransformers.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/FileUtils.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/TypeDebugging.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/SynchronizedSymbols.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/SymbolLoaders.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/WeakHashSet.scala

```

* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/FrontEnds.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/TypeTags.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/MissingRequirementError.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/ZipArchive.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/TreeCreator.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/package.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/SynchronizedOps.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/SymbolTable.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/FileOperationException.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/ScalaClassLoader.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Infrastructure.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Mode.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/VirtualDirectory.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/FreshNames.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/StringOps.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/HashSet.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/Statistics.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/pickling/UnPickler.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/transform/PostErasure.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/blackbox/Context.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/Streamable.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/SymbolTable.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/AbstractFile.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/Position.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Internals.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/FreshNameCreator.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/tpe/CommonOwners.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/whitebox/Context.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Universe.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/JavaUniverse.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Names.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/AlmostFinalValue.java
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/ReflectSetup.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Internals.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Constants.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/annotations/uncheckedBounds.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/VirtualFile.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Precedence.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/tpe/TypeMaps.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Evals.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/PrivateWithin.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Types.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/Set.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Positions.scala

```

- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/pickling/Translations.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/FlagSets.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Kinds.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/StdAttachments.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Names.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/ExistentialsAndSkolems.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/ExprUtils.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Position.scala
- *
- /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Printers.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/Collections.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/SymbolPairs.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/settings/AbsSettings.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Depth.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Reifiers.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/package.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Types.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Names.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/JavaClearable.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/Gil.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/NoAbstractFile.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Symbols.scala
- *
- /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Variance.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Flags.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/TreeGen.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/TriState.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/SourceFile.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/StdCreators.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/ReificationSupport.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Positions.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Parsers.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Internals.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/Settings.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/TableDef.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/OwnerOnlyChmod.scala
- *
- /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/SynchronizedTypes.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Annotations.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Mirrors.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/StandardDefinitions.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/AnnotationCheckers.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Definitions.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/CapturedVariables.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/settings/MutableSettings.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Trees.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/HasFlags.scala
- * /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/pickling/PickleBuffer.scala

```

* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/Path.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Constants.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Importers.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/FlagSets.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Variances.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/JavaUniverseForce.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/JavaAccFlags.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Liftables.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/JavaUniverse.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Typers.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/transform/UnCurry.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Scopes.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/pickling/PickleFormat.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/TreeInfo.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Exprs.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Mirrors.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/Origins.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Printers.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Reporting.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/StripMarginInterpolator.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/tpe/FindMembers.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/transform/Transforms.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/package.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/tpe/TypeToStrings.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/ImplicitTags.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Enclosures.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/JavaMirrors.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Scopes.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/annotations/package.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/JDK9Reflectors.java
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/tpe/TypeConstraints.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/pickling/ByteCodecs.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/ThreeValues.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/FatalError.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/StatisticsStatics.java
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/AnnotationInfos.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/TwoWayCaches.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Trees.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/Directory.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/StandardLiftables.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/transform/Erasure.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Symbols.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/ChromeTrace.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Aliases.scala

```

```

* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/StandardNames.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/ReflectionUtils.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/StdNames.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Quasiquotes.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/TwoWayCache.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/AbstractFileClassLoader.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/tpe/TypeComparers.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Universe.scala
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/BaseTypeSeqs.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/TraceSymbolActivity.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/TypeCreator.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Chars.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/api/Mirror.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/JMethodOrConstructor.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/tpe/GlbLubs.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/runtime/ThreadLocalStorage.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/macros/Attachments.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/PlainFile.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/IOStats.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/util/BooleanContainer.java
*
/scala-reflect-2-12-8-sources-2-jar/scala/reflect/internal/Phase.scala
* /scala-reflect-2-12-8-sources-2-jar/scala/reflect/io/File.scala

```

1.45 javax-ws-rs-api 2.1.1

1.46 hdrhistogram 2.1.12

1.46.1 Available under license :

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

```

/*
* Written by Gil Tene of Azul Systems, and released to the public domain,
* as explained at http://creativecommons.org/publicdomain/zero/1.0/
*
* @author Gil Tene
*/

```

Found in path(s):

```

* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/AbstractHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleHistogram.java

```

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

```

/**

```

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* as explained at <http://creativecommons.org/publicdomain/zero/1.0/>
*
* @author Gil Tene
*/

Found in path(s):

* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoublePercentileIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/ZigZagEncoding.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/AllValuesIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/Base64Helper.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/IntCountsHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleLinearIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/PackedConcurrentDoubleHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/SynchronizedHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/packedarray/PackedArraySingleWriterRecorder.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/Histogram.java
*
/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/LogarithmicIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/Version.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/RecordedValuesIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/LinearIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/PackedDoubleHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/AtomicHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/HistogramIterationValue.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/Recorder.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/ConcurrentDoubleHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/HistogramLogReader.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/HistogramLogProcessor.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/PackedHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/SingleWriterDoubleRecorder.java
*
/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleRecorder.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleHistogramIterationValue.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/AbstractHistogramIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/SynchronizedDoubleHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/PercentileIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/PackedConcurrentHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleRecordedValuesIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleAllValuesIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/SingleWriterRecorder.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/DoubleLogarithmicIterator.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/ShortCountsHistogram.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/EncodableHistogram.java
*
/hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/HistogramLogScanner.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/packedarray/PackedArrayRecorder.java
* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/ConcurrentHistogram.java

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

```
/*
 * package-info.java
 * Written by Gil Tene of Azul Systems, and released to the public domain,
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 */
```

Found in path(s):

* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/package-info.java

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```
/**
 * Written by Gil Tene of Azul Systems, and released to the public domain,
 * as explained at http://creativecommons.org/publicdomain/zero/1.0/
 *
 * @author Gil Tene
 */
```

package org.HdrHistogram;

```
final class Version {
    public static final String version="$VERSION$";
    public static final String build_time="$BUILD_TIME$";
}
```

Found in path(s):

* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/Version.java.template

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```
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 * Written by Gil Tene of Azul Systems, and released to the public domain,
 * as explained at http://creativecommons.org/publicdomain/zero/1.0/
 */
```

Found in path(s):

* /hdrhistogram-2-1-12-sources-jar/org/HdrHistogram/WriterReaderPhaser.java

1.47 micronaut-core 4.3.10

1.47.1 Available under license :

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*/

```

Found in path(s):

```

* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/AntPathMatcher.java
No license file was found, but licenses were detected in source scan.

```

```

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* limitations under the License.
*/

```

Found in path(s):

```

* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/clhm/LinkedDeque.java
No license file was found, but licenses were detected in source scan.

```

```

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*
*   https://www.apache.org/licenses/LICENSE-2.0
*

```

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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):

- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/GenericPlaceholder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/RuntimeTypeInfo.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/ArgumentCoercible.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/AbstractBeanConstructor.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/TypeInfo.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanConstructor.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AccessorsStyle.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/scan/BeanIntrospectionScanner.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/RegexPathMatcher.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/DefaultGenericPlaceholder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/converters/MultiValuesConverterFactory.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/optim/StaticOptimizations.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/TypeInfoProvider.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/EnvironmentProperties.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Nullable.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationValueProvider.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/NonNull.java

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```
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 */
```

Found in path(s):

- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationValueBuilder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/service/package-info.java

- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Generated.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/conventions/MethodConvention.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/order/OrderUtil.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/reflect/InstantiationUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/scan/AnnotationScanner.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/DefaultArgumentConversionContext.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/conventions/PropertyConvention.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/reflect/exception/InvocationException.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/NameResolver.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotatedTypeInfo.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/reflect/ClassUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/UnsafeExecutable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/order/package-info.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Experimental.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/locale/LocaleResolutionConfiguration.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Blocking.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/format/FormattingTypeConverter.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/TypeArgumentBinder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/PathMatcher.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/exceptions/ConversionErrorException.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/order/Ordered.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/MutableConvertibleValuesMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/reflect/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/buffer/package-info.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/ConvertibleValues.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/exceptions/BeanExceptionHandler.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/NonBlocking.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/functional/ThrowingSupplier.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/FileReadable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/service/SoftServiceLoader.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/format/MapFormat.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/Readable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/cli/DefaultCommandLine.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/annotation/AnnotatedArgumentBinder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/ConversionContext.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/attr/AttributeHolder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationMetadataResolver.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/ValueResolver.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/file/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/Argument.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanWrapper.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/exceptions/ExceptionHandler.java

- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/MutableArgumentValue.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/OptionalValuesMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/cli/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/service/DefaultServiceDefinition.java
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- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/exceptions/IntrospectionException.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/expressions/EvaluatedExpression.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationSource.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/file/FileSystemResourceLoader.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Introspected.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/DefaultMutableArgumentValue.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/KotlinUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanIntrospector.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/ObjectUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/ErrorsContext.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/serialize/ObjectSerializer.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/annotation/Bindable.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/AbstractBeanMethod.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/TypeConverterRegistrar.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/DefaultArgumentValue.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/MutableConversionService.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/socket/SocketUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/ConvertibleMultiValuesMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/socket/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/ValueException.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/Streamable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/ArrayUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/annotation/AbstractAnnotatedArgumentBinder.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/version/annotation/Version.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/Named.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/Writable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/AbstractBeanProperty.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/StringUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/ConvertibleMultiValues.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/DefaultArgument.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/TypeHint.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/OptionalValues.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/conventions/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/PropertyResolver.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/exceptions/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/cli/Option.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/annotation/AbstractArgumentBinder.java

- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/file/DefaultFileSystemResourceLoader.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationMetadataDelegate.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Indexed.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/cli/exceptions/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/MutableHeaders.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/BeanPropertyBinder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/TypeConverter.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/ConversionError.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/ArgumentBinderRegistry.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanIntrospectionReference.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationClassValue.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotatedElement.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/serialize/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/ArgumentValue.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/LocaleResolver.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/OptionalMultiValues.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/format/ReadableBytes.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/serialize/JdkSerializer.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/Toggleable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationValue.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/ArgumentBinder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/ImmutableSortedStringsArrayMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/BoundExecutable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationMetadataProvider.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/ResourceLoader.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/cli/CommandLineParser.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/EmptyAnnotationMetadata.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Indexes.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/NextMajorVersion.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanIntrospection.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/annotation/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanProperty.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/format/ReadableBytesTypeConverter.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/DefaultMutableConversionService.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Order.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/format/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/MapValueResolver.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanIntrospectionMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/ArgumentUtils.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/Executable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Internal.java

- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/PropertyNotFoundException.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/UsedByGeneratedCode.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/attr/MutableAttributeHolder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/Headers.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/DefaultBeanWrapper.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/ConvertibleValuesMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationValueResolver.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/TypeVariableResolver.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/SupplierUtil.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/DefaultBeanIntrospector.java
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- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/MutableConvertibleMultiValues.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/buffer/ByteBufferFactory.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/exceptions/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/DefaultExecutableBinder.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/expressions/ExpressionEvaluationContext.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/NameUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/version/VersionUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/MutableConvertibleMultiValuesMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/reflect/exception/InstantiationException.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/StreamUtils.java
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- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/version/SemanticVersion.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/version/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/cli/exceptions/ParseException.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/scan/DefaultClassPathResourceLoader.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/UrlReadable.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/conventions/StringConvention.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/AbstractBeanIntrospectionReference.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/exceptions/package-info.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/format/Format.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/ReflectiveAccess.java
- *
- /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/GenericArgument.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/conventions/TypeConvention.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/cli/CommandLine.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/CollectionUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/locale/FixedLocaleResolver.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/service/ServiceDefinition.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/naming/Described.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/exceptions/UnsatisfiedArgumentException.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/reflect/ReflectionUtils.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/functional/ThrowingFunction.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/value/MutableConvertibleValues.java
- *

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/micronaut-core-4-3-10-sources-jar/io/micronaut/core/attr/package-info.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/ExecutableBinder.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/InstantiatedMember.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/ResourceResolver.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/serialize/exceptions/SerializationException.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/serialize/exceptions/package-info.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/OptionalMultiValuesMap.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/locale/AbstractLocaleResolver.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationMetadata.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanMethod.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/EntryPoint.java
*
/micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/locale/package-info.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/scan/package-info.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/reflect/exception/package-info.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/type/ReturnType.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/buffer/ReferenceCounted.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/value/MapPropertyResolver.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/ArgumentConversionContext.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/reflect/GenericTypeUtils.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/scan/ClassPathResourceLoader.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/IOUtils.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/buffer/ByteBuffer.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationUtil.java
*
/micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/ConversionService.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Creator.java
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* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/messages.properties
* /micronaut-core-4-3-10-sources-jar/META-INF/native-image/io.micronaut/micronaut-core/native-
image.properties
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```

* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/execution/DelayedExecutionFlow.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/UnsafeBeanInstantiationIntrospection.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/propagation/ThreadContext.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/StringIntMap.java
*
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/CharSequenceToEnumConverter.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/execution/DelayedExecutionFlowImpl.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/propagation/MutablePropagatedContextImpl.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/CopyOnWriteMap.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/bind/MappedBindingResult.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/AnnotationDefaultValuesProvider.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/buffer/DelegateByteBuffer.java
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* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/clhm/package-info.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/clhm/EntryWeigher.java
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- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/clhm/Weighers.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/clhm/ConcurrentLinkedHashMap.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/clhm/Weigher.java
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- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/execution/CompletableFutureExecutionFlowImpl.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/propagation/MutablePropagatedContext.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/Vetoed.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/BeanInfo.java
- *
- */micronaut-core-4-3-10-sources-jar/io/micronaut/core/propagation/ThreadPropagatedContextElement.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/annotation/ReflectionConfig.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/beans/UnsafeBeanProperty.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/execution/CompletableFutureExecutionFlow.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/propagation/PropagatedContext.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/ConversionServiceProvider.java
- * /micronaut-core-4-3-10-sources-jar/io/micronaut/core/execution/ImperativeExecutionFlowImpl.java

```

* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/propagation/PropagatedContextImpl.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/execution/ImperativeExecutionFlow.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/expressions/EvaluatedExpressionReference.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/service/ServiceScanner.java
*
/micronaut-core-4-3-10-sources-jar/io/micronaut/core/io/service/ServiceLoaderInitialization.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/util/IOExceptionBiFunction.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/ConversionServiceAware.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/propagation/PropagatedContextElement.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/convert/ImmutableArgumentConversionContext.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/execution/ExecutionFlow.java
* /micronaut-core-4-3-10-sources-jar/io/micronaut/core/graal/GraalReflectionConfigurer.java

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1.48 resilience4j-retry 1.7.1

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```

* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/event/package-info.java
* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/internal/package-info.java
* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/utis/package-info.java
*
/resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/package-info.java

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* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/event/RetryEvent.java
* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/internal/RetryImpl.java
* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/event/RetryOnSuccessEvent.java
*

```

```

/resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/event/AbstractRetryEvent.java

```

```

* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/Retry.java

```

* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/event/RetryOnIgnoredErrorEvent.java

* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/RetryConfig.java

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* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/internal/InMemoryRetryRegistry.java

* /resilience4j-retry-1-7-1-sources-2-jar/io/github/resilience4j/retry/RetryRegistry.java

1.49 log4j-api 2.17.1

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- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/package-info.java

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- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/CircuitBreakerOnSuccessEvent.java
- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/CircuitBreakerOnErrorEvent.java
- *
- /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/AbstractCircuitBreakerEvent.java
- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/CircuitBreakerOnIgnoredErrorEvent.java
- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/CircuitBreakerEvent.java
- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/CallNotPermittedException.java
- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/CircuitBreakerOnResetEvent.java
- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/internal/InMemoryCircuitBreakerRegistry.java
- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/CircuitBreakerOnCallNotPermittedEvent.java
- * /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/CircuitBreakerConfig.java
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- /resilience4j-circuitbreaker-1-7-1-sources-3-jar/io/github/resilience4j/circuitbreaker/event/CircuitBreakerOnStateTransitionEvent.java

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* /resilience4j-circuitbreaker-1-7-1-sources-3-
jar/io/github/resilience4j/circuitbreaker/internal/CircuitBreakerStateMachine.java

1.51 commons-configuration 1.8

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1.54 logback-throttling-appender 1.1.9

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1.55 caffeine 2.8.0

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File: orm-busy.trace.xz

Description: Database object access of a e-commerce web application during a busy daytime.

File: orm-night.trace.xz

Description: Database object access of a e-commerce web application during the night time.

File: web07.trace.xz

Description: Normalized access trace (HTTP requests) a product detail page in July 2013.

File: web12.trace.xz

Description: Normalized access trace (HTTP requests) on a product detail page in December 2013.

Format: The accessed objects comprise of a mixture of product inventory, availability per price and also customer data. Objects are keyed by type, id and a index (e.g. the 3rd price of a product). All data is normalized into numbers starting at 0 (or 1 for sub-ids) and then collapsed into a single integer consisting of,

- Bits 27-31: type
- Bits 9-26: id
- Bits 0-9: index

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1.59 jackson-module-parameter-names 2.16.0

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1.60 micronaut-inject 4.3.10

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Found in path(s):

```
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultRuntimeBeanDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanContextConfigurable.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ExpressionsAwareArgument.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/QualifiedBeanType.java
*
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanDefinitionAware.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/PropertyExpressionResolver.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/yaml/ConstructIsoTimestampString.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/MappingAnnotationMetadataDelegate.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ParametrizedInstantiatableBeanDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/LocalizedMessageSource.java
```

```

* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/AnnotationExpressionContext.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/RuntimeBeanDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/InjectableBeanDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DisabledBean.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/MessageSourceUtils.java
*
/micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanDisposingRegistration.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/EvaluatedConvertibleValuesMap.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/ExpressionEvaluationException.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractLocalizedMessageSource.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultBeanContext.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/AnnotationConvertersRegistrar.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/InstantiatableBeanDefinition.java
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* /micronaut-inject-4-3-10-sources-jar/META-INF/native-image/io.micronaut/micronaut-inject/native-
image.properties
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Found in path(s):

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* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/FilteringQualifier.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/bind/ExecutableBeanContextBinder.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/exp/RandomPropertyExpressionResolver.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/Environment.java
*

```

/micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Mapper.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/bind/DefaultExecutableBeanContextBinder.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/DefaultEnvironment.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/FilteringCompositeQualifier.java
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* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractBeanDefinitionBeanConstructor.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractExecutableMethodsDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/RepeatableAnnotationQualifier.java
*
/micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/beans/AbstractInitializableBeanIntrospection.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultFieldConstructorInjectionPoint.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/provider/BeanProviderDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/NoneQualifier.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Any.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/PrimaryQualifier.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/provider/JakartaProviderBeanDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/NonBinding.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/ContextConfigurer.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanDestroyedEvent.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/InitializableBeanContext.java
*
/micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanPreDestroyEventListener.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/KubernetesEnvironmentPropertySource.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/InjectScope.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanPreDestroyEvent.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/NamedAnnotationStereotypeQualifier.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/ConstantPropertySources.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanDestroyedEventListener.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Import.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/AnyQualifier.java

```

* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/ApplicationEventPublisherFactory.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/scope/BeanCreationContext.java
*
/micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanProvider.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/CachedEnvironment.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ApplicationContextConfigurer.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/ExactTypeArgumentNameQualifier.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/InterceptorBindingQualifier.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/BeanDestructionException.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/scope/AbstractConcurrentCustomScope.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/scope/CreatedBean.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/provider/JavaxProviderBeanDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/provider/ProviderTypeInfoInformationProvider.java
*
/micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/provider/AbstractProviderDefinition.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ExecutableMethodsDefinition.java
No license file was found, but licenses were detected in source scan.

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*/

```

Found in path(s):

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* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/PropertySourceLocator.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/BootstrapContextCompatible.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/AnnotationStereotypeQualifier.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/SingletonScope.java
*
/micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/ApplicationEventListener.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/provider/package-info.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/package-info.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ProviderUtils.java
* /micronaut-inject-4-3-10-sources-
jar/io/micronaut/context/expressions/ConfigurableExpressionEvaluationContext.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/ApplicationEvent.java
* /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ArgumentInjectionPoint.java

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- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/ConfigurationProperties.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Primary.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/processor/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultMessageContext.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/DefaultPropertyPlaceholderResolver.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractInitializableBeanDefinition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/BeanDefinitionMethodReference.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/beans/KotlinExecutableMethodUtils.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/DelegatingExecutableMethod.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ApplicationContextProvider.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/banner/MicronautBanner.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/banner/ResourceBanner.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/BeanDefinition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/scope/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/AnnotatedElementValidator.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/processor/BeanDefinitionProcessor.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/PropertyPlaceholderResolver.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/ConfigurationInject.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/ConfigurationBuilder.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/CircularDependencyException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/DependencyInjectionException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/DisposableBeanDefinition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/ConfigurationReader.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/AnnotationMetadataReference.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/validation/package-info.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Replaces.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/EnvironmentConfigurable.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultConditionContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/DefaultImplementation.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/Qualifiers.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/MutableAnnotationMetadata.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Parameter.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/BeanContextException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/condition/TrueCondition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/ClosestTypeArgumentQualifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanContextEvent.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/AbstractPropertySourceLoader.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/condition/Condition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/AnnotationMetadataHierarchy.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/EmptyPropertySource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ExecutionHandle.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ConstructorInjectionPoint.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/CallableInjectionPoint.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/ApplicationEventPublisher.java

- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractExecutableMethod.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanCreatedEvent.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Bean.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/condition/ConditionContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/AdvisedBeanType.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/BeanDefinitionReference.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/PropertySource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Executable.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/MapPropertySource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Parallel.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/ConfigurationPath.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractExecutable.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ExecutionHandleLocator.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/package-info.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/Qualified.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/AbstractEnvironmentAnnotationMetadata.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Secondary.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ValidatedBeanDefinition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/EvaluatedAnnotationValue.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/StaticMessageSource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/DefaultBeanIdentifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/BeanConfiguration.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractBeanContextConditional.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/BeanType.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/NoSuchBeanException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanCreatedEventListener.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/AbstractAnnotationMetadata.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/EnvironmentOptionalValuesMap.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Provided.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanDefinitionDelegate.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/PropertySource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/MessageSource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanResolutionContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/condition/OperatingSystem.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/yaml/YamlPropertySourceLoader.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanContextConfiguration.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/yaml/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultMethodInjectionPoint.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/InitializingBeanDefinition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultApplicationContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanDefinitionRegistry.java

- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Configuration.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/EachBean.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/converters/ContextConverterRegistrar.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/BeanContextConditional.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/CompositeQualifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/BeanCreationException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractMessageSource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/TypeAnnotationQualifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/converters/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/expressions/DefaultExpressionEvaluationContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/DefaultScope.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultCustomScopeRegistry.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/DisabledBeanException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/package-info.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/InjectionPoint.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/AnnotationMetadataException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/NameQualifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/expressions/AbstractEvaluatedExpression.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/ConfigurationException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/DefaultBeanDefinitionMethodReference.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/PropertiesPropertySourceLoader.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultApplicationContextBuilder.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/CommandLinePropertySource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/NoSuchMessageException.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/EvaluatedAnnotationMetadata.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/AnnotationMetadataSupport.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/BootstrapPropertySourceLocator.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractBeanConfiguration.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Type.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ApplicationConfiguration.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/LifeCycle.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Factory.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/PropertySourceLoader.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/ShutdownEvent.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/QualifierUtils.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ApplicationContextBuilder.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AnnotationProcessorListener.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/EnvironmentAnnotationValue.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/NonUniqueBeanException.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/EnvironmentAwareArgument.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultMethodConstructorInjectionPoint.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/condition/package-info.java

- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanInitializingEvent.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/SystemPropertiesPropertySource.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractBeanResolutionContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Prototype.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/Qualifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Requirements.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/PropertySourceReader.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/DefaultAnnotationMetadata.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/DefaultConfigurationPath.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanLocator.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/i18n/ResourceBundleMessageSource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/MethodExecutionHandle.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/BeanInstantiationException.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/beans/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultConstructorInjectionPoint.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/scope/CustomScopeRegistry.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ParametrizedProvider.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/package-info.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/AliasFor.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/EnvironmentPropertySource.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ArgumentBeanType.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/RequiresCondition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/banner/Banner.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Aliases.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/BeanRegistration.java
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- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/ActiveEnvironment.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/beans/AbstractExecutableBeanMethod.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/proxy/InterceptedBeanProxy.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/proxy/InterceptedBean.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanEvent.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Value.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ExecutableMethod.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/exceptions/MessageUtils.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Infrastructure.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/AnnotationQualifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/yaml/CustomSafeConstructor.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/EnvironmentAnnotationMetadata.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/DelegatingBeanDefinition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/processor/ExecutableMethodProcessor.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ApplicationContextLifeCycle.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/annotation/EnvironmentConvertibleValuesMap.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/StartupEvent.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/ProxyBeanDefinition.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/NoOpApplicationEventPublisher.java

- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/ComputePlatform.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/condition/Failure.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultFieldInjectionPoint.java
- *
- /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/processor/AnnotationProcessor.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/env/PropertySourcePropertyResolver.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/BeanProperties.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Context.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/DefaultBeanResolutionContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/AnnotationMetadataQualifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/MethodInjectionPoint.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/UnsafeExecutionHandle.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/validation/RequiresValidation.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/BeanIdentifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/EachProperty.java
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- /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/validation/BeanDefinitionValidator.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/scope/CustomScope.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/MethodReference.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/qualifiers/TypeArgumentQualifier.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/ApplicationContext.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Property.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/AbstractInitializableBeanDefinitionReference.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/annotation/Requires.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/inject/FieldInjectionPoint.java
- * /micronaut-inject-4-3-10-sources-jar/io/micronaut/context/event/BeanInitializedEventListener.java

1.61 micronaut-core-reactive 4.3.10

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```
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/subscriber/Emitter.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/publisher/SingleSubscriberPublisher.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/subscriber/Completable.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/subscriber/CompletionAwareSubscriber.java
*
/micronaut-core-reactive-4-3-10-sources-
jar/io/micronaut/core/async/subscriber/SingleThreadedBufferingSubscriber.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/subscriber/TypedSubscriber.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/subscriber/package-info.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/package-info.java
* /micronaut-core-reactive-4-3-10-sources-
jar/io/micronaut/core/async/processor/SingleThreadedBufferingProcessor.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/publisher/AsyncSingleResultPublisher.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/annotation/SingleResult.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/publisher/CompletableFuturePublisher.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/publisher/package-info.java
*
/micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/processor/SingleSubscriberProcessor.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/publisher/Publishers.java
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/processor/package-info.java
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```
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/propagation/KotlinCoroutinePropagation.kt
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/propagation/MicronautPropagatedContext.kt
* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/propagation/ReactorPropagation.java
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```

Found in path(s):

```

* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/publisher/PublishersOptimizations.java
* /micronaut-core-reactive-4-3-10-sources-
jar/io/micronaut/core/async/converters/ReactiveTypeConverterRegistrar.java
* /micronaut-core-reactive-4-3-10-sources-
jar/io/micronaut/core/async/ReactiveStreamsTypeInformationProvider.java
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```

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```

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```

* /micronaut-core-reactive-4-3-10-sources-jar/io/micronaut/core/async/propagation/ReactivePropagation.java

```

1.62 metrics-annotation 4.0.5

1.62.1 Available under license :

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1.63 bridgeutils 1.7.1-r2

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```
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 * Specifies a friendly name for the custom key store. The name must be unique in your Amazon Web Services
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 * </p>
 * <important>
 * <p>
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 */

/**
 * <p>
 * Specifies a friendly name for the custom key store. The name must be unique in your Amazon Web Services
 * account
 * and Region. This parameter is required for all custom key stores.
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 * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
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 * </important>
 *
 * @param customKeyName
 * Specifies a friendly name for the custom key store. The name must be unique in your Amazon Web
 * Services
```

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*    account and Region. This parameter is required for all custom key stores.</p> <important>
*    <p>
*    Do not include confidential or sensitive information in this field. This field may be displayed in
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*    </p>
*/
/**
* <p>
* Specifies a friendly name for the custom key store. The name must be unique in your Amazon Web Services
account
* and Region. This parameter is required for all custom key stores.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
*
* @return Specifies a friendly name for the custom key store. The name must be unique in your Amazon Web
Services
*    account and Region. This parameter is required for all custom key stores.</p> <important>
*    <p>
*    Do not include confidential or sensitive information in this field. This field may be displayed in
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```

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jar/com/amazonaws/services/kms/model/CreateCustomKeyStoreRequest.java
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```

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/**
 * <p>
 * Specifies the encryption context that will be used when encrypting the data key.
 * </p>
 * <important>
 * <p>
 * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
 * CloudTrail logs and other output.
 * </p>
 * </important>
 * <p>
 * An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
 * authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact
 * case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on
 * operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an
encryption
 * context is optional, but it is strongly recommended.
 * </p>
 * <p>
 * For more information, see <a
 * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
context</a>
 * in the <i>Key Management Service Developer Guide</i>.
 * </p>
 */
/**
 * <p>
 * Specifies the encryption context that will be used when encrypting the data key.
 * </p>
 * <important>
 * <p>
 * Do not include confidential or sensitive information in this field. This field
may be displayed in plaintext in
 * CloudTrail logs and other output.
 * </p>
 * </important>
 * <p>
 * An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
 * authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact
 * case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on
 * operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an
encryption
 * context is optional, but it is strongly recommended.
 * </p>
 * <p>
 * For more information, see <a
 * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption

```

```

context</a>
    * in the <i>Key Management Service Developer Guide</i>.
    * </p>
    *
    * @return Specifies the encryption context that will be used when encrypting the data key.</p> <important>
    *     <p>
    *         Do not include confidential or sensitive information in this field. This field may be displayed in
    *         plaintext in CloudTrail logs and other output.
    *     </p>
    * </important>
    *     <p>
    *         An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
    *         authenticated data. When you use an encryption context to encrypt data, you must specify the same (an
    *         exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported
    *         only on operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS
keys,
    *         an encryption context is optional, but it is strongly recommended.
    *     </p>
    *     <p>
    *         For more information, see <a
    *
href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
    *     context</a> in the <i>Key Management Service Developer Guide</i>.
    */
/**
    * <p>
    *     Specifies the encryption context that will be used when encrypting the data key.
    * </p>
    * <important>
    *     <p>
    *         Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
    *         CloudTrail logs and other output.
    *     </p>
    * </important>
    *     <p>
    *         An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
    *         authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact
    *         case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on
    *         operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an
encryption
    *         context is optional, but it is strongly recommended.
    *     </p>
    *     <p>
    *
    * For more information, see <a
    *     href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
context</a>
    *     in the <i>Key Management Service Developer Guide</i>.

```



```

* </p>
*
* @param encryptionContext
*     Specifies the encryption context that will be used when encrypting the data key.</p> <important>
*     <p>
*     Do not include confidential or sensitive information in this field. This field may be displayed in
*     plaintext in CloudTrail logs and other output.
*     </p>
*     </important>
*     <p>
*     An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
*     authenticated data. When you use an encryption context to encrypt data, you must specify the same (an
*     exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported
*     only on
operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys,
*     an encryption context is optional, but it is strongly recommended.
*     </p>
*     <p>
*     For more information, see <a
*
href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
*     context</a> in the <i>Key Management Service Developer Guide</i>.
*/

```

Found in path(s):

```

* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/GenerateDataKeyWithoutPlaintextRequest.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyRequest.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* Copyright 2018-2023 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
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* the License. A copy of the License is located at
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*
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WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
/**
* <p>
* A key-value pair. A tag consists of a tag key and a tag value. Tag keys and tag values are both required, but tag

```

```

* values can be empty (null) strings.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* For information about the rules that apply to tag keys and tag values, see <a
* href="https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/allocation-tag-restrictions.html">User-
Defined Tag
* Restrictions</a> in the <i>Amazon Web Services Billing and Cost Management User Guide</i>.
* </p>
*
* @see <a href="http://docs.aws.amazon.com/goto/WebAPI/kms-2014-11-01/Tag" target="_top">AWS API
Documentation</a>
*/

```

Found in path(s):

```

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/Tag.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* Copyright 2018-2023 Amazon.com, Inc. or its affiliates. All Rights Reserved.
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* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
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* the License. A copy of the License is located at
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* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/

```

Found in path(s):

```

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/AlreadyExistsException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/KeyUnavailableExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ListGrantsResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/XksProxyConfigurationTypeJsonUnmarshaller.java
*

```

```

/aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/ListGrantsResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateMacRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/XksProxyIncorrectAuthenticationCredentialExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ListAliasesResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/XksProxyConfigurationTypeMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateRandomRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ImportKeyMaterialRequest.java
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GrantListEntryJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/EnableKeyRotationRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyResult.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/VerifyRequest.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/MultiRegionKey.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/ConnectCustomKeyStoreResult.java
*
/aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/KeyManagerType.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/InvalidKeyUsageException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/UpdateKeyDescriptionResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyPairResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreInvalidStateExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/UpdateAliasRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/TagResourceResult.java
*
/aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DecryptResult.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/InvalidGrantTokenException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/InvalidKeyUsageExceptionUnmarshaller.java

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* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/CustomKeyStoreNameInUseException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterNotRelatedExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoreType.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CreateCustomKeyStoreResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/XksProxyAuthenticationCredentialType.java
*
/ aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/XksProxyInvalidConfigurationExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/KMSInvalidStateException.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GrantConstraints.java
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/ aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/RevokeGrantResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GetParametersForImportRequestMarshaller.java

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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/VerifyResult.java
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 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DisconnectCustomKeyStoreRequest.java
 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyWithoutPlaintextResult.java
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 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ListRetirableGrantsRequest.java
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 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CreateGrantResult.java
 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/AWSKMSSClient.java
 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/AWSKMSAsyncClient.java
 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/transform/ListKeyPoliciesRequestMarshaller.java
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 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/transform/ListResourceTagsResultJsonUnmarshaller.java
 * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/transform/UntagResourceRequestProtocolMarshaller.java
 * /aws-java-sdk-kms-1-12-469-sources-

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jar/com/amazonaws/services/kms/model/transform/RetireGrantRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GrantOperation.java
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ListKeysResult.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/UpdatePrimaryRegionRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/EncryptResult.java
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/aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/WrappingKeySpec.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/UpdateCustomKeyStoreResult.java
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/InvalidGrantIdException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/EnableKeyRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/EnableKeyRotationResult.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/SignRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
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```

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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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jar/com/amazonaws/services/kms/model/transform/GetParametersForImportResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DisableKeyRotationResult.java
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jar/com/amazonaws/services/kms/model/transform/DescribeCustomKeyStoresRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyWithoutPlaintextRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/KeyEncryptionMechanism.java
*
/ aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ListKeysRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DescribeCustomKeyStoresResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GrantListEntryMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/MessageType.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/XksProxyConfigurationType.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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*
/ aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateMacResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/IncorrectKeyExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/SigningAlgorithmSpec.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/CloudHsmClusterNotFoundException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/XksProxyVpcEndpointServiceNotFoundException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DescribeKeyResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateMacRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/CancelKeyDeletionResultJsonUnmarshaller.java

```



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*
/aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateRandomRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ScheduleKeyDeletionResult.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/AlgorithmSpec.java
*
/aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/PutKeyPolicyRequest.java
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DataKeySpec.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/InvalidMarkerException.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/NotFoundExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DecryptRequest.java
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/aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/KeyMetadata.java
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* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/GetParametersForImportResult.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/AWSKMSAsync.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/KeyState.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GetPublicKeyResult.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/PutKeyPolicyResult.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/ReEncryptResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ScheduleKeyDeletionRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyWithoutPlaintextRequestProtocolMarshaller.java
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/CloudHsmClusterNotFoundExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GetKeyPolicyRequestMarshaller.java

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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/XksKeyNotFoundException.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/OriginType.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DisableKeyRotationRequest.java
*
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/TagException.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/InvalidArnException.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DeleteAliasResult.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/EnableKeyResult.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/UpdateKeyDescriptionResult.java
*

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/aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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*
/aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/VerifyMacResult.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ListGrantsRequest.java
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/package-info.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CustomerMasterKeySpec.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/XksKeyConfigurationType.java
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/MultiRegionConfiguration.java

```

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*
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ava
* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-
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* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/AWSKMSEException.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GetKeyRotationStatusRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/RecipientInfoJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/DescribeCustomKeyStoresResult.java
*
/ aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/MultiRegionKeyMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/MultiRegionConfigurationMarshaller.java

```

```

* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/XksKeyConfigurationTypeMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/MultiRegionKeyType.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/VerifyRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GetPublicKeyRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/CloudHsmClusterInUseException.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/KeyUnavailableException.java
*
/ aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/InvalidImportTokenException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GrantConstraintsMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DescribeKeyRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/EncryptionAlgorithmSpec.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/CreateCustomKeyStoreRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/KMSInvalidSignatureException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/RecipientInfoMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/XksKeyAlreadyInUseException.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/LimitExceededException.java
*
/ aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/CustomKeyStoreNotFoundExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/InvalidGrantIdExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DeleteAliasRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/XksProxyVpcEndpointServiceNotFoundExceptionUnmarshaller.
java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/ConnectCustomKeyStoreRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/XksProxyUriUnreachableException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/UpdateCustomKeyStoreRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairResultJsonUnmarshaller.java
*

```

```

/aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateRandomRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CustomKeyStoresListEntry.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/KMSInvalidSignatureExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/KMSInvalidStateExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/UpdatePrimaryRegionRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/XksKeyInvalidConfigurationExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateRandomResult.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DisabledException.java
*
/aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GetKeyRotationStatusResult.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/AWSKMSSClientBuilder.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/ImportKeyMaterialResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/MalformedPolicyDocumentException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateDataKeyPairRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/RetireGrantResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GetKeyPolicyRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/DeleteImportedKeyMaterialResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/ListResourceTagsRequestProtocolMarshaller.java
*
/aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DisableKeyRotationResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DisconnectCustomKeyStoreRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DeleteAliasRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/XksProxyUriEndpointInUseException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/UpdatePrimaryRegionResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CancelKeyDeletionResult.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/RevokeGrantRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/CreateCustomKeyStoreRequestProtocolMarshaller.java
*
/aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/DisconnectCustomKeyStoreResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GetKeyRotationStatusResultJsonUnmarshaller.java

```



```

* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/ScheduleKeyDeletionRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/UpdateKeyDescriptionRequestProtocolMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/InvalidMarkerExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/IncorrectTrustAnchorException.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/InvalidAliasNameException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DisableKeyResultJsonUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DisconnectCustomKeyStoreRequestProtocolMarshaller.java
*
/ aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/AWSKMSAsyncClientBuilder.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/XksProxyConnectivityType.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/InvalidCiphertextException.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/IncorrectKeyMaterialException.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/SignResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/XksProxyUriUnreachableExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DisableKeyRequest.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GetKeyRotationStatusRequestMarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/ListResourceTagsRequestMarshaller.java
*
/ aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/DescribeKeyResult.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/DependencyTimeoutExceptionUnmarshaller.java
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/AbstractAWSKMS.java
* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/transform/GenerateMacRequestMarshaller.java
No license file was found, but licenses were detected in source scan.

```

```

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```

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*/

Found in path(s):

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/auth/policy/actions/KMSActions.java

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* <http://aws.amazon.com/apache2.0>

*

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* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions

* and limitations under the License.

*/

/**

* <p>

* Changes the friendly name of the custom key store to the value that you specify. The custom key store name must

* be unique in the Amazon Web Services account.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

* </p>

* </important>

* <p>

* To change this value, an CloudHSM key store must be disconnected. An external key store can be connected or disconnected.

* </p>

*/

/**

* <p>

* Changes the friendly name of the custom key store to the value that you specify. The custom key store name must

* be unique in the Amazon Web Services account.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

</p>

</important>

<p>

* To change this value, an CloudHSM key store must be disconnected. An external key store can be connected or disconnected.

</p>

*

* @param newCustomKeyStoreName

* Changes the friendly name of the custom key store to the value that you specify. The custom key store name

* must

be unique in the Amazon Web Services account.</p> <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

* </p>

* </important>

* <p>

* To change this value, an CloudHSM key store must be disconnected. An external key store can be connected

* or disconnected.

*/

/**

* <p>

* Changes the friendly name of the custom key store to the value that you specify. The custom key store name must

* be unique in the Amazon Web Services account.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

* </p>

* </important>

* <p>

* To change this value, an CloudHSM key store must be disconnected. An external key store can be connected or

* disconnected.

* </p>

*

* @return Changes the friendly name of the custom key store to the value that you specify. The custom key store name must be unique in the Amazon Web Services account.</p> <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

* </p>

```

*      </important>
*      <p>
*      To change this value, an CloudHSM key store must be disconnected. An external key store can be
connected
*      or disconnected.
*/

```

Found in path(s):

```

* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/UpdateCustomKeyStoreRequest.java
No license file was found, but licenses were detected in source scan.

```

```

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* the License. A copy of the License is located at
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* http://aws.amazon.com/apache2.0
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WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
/**

```

```

* <p>
* Specifies that encryption context to use when the reencrypting the data.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* A
destination encryption context is valid only when the destination KMS key is a symmetric encryption KMS key.
* The standard ciphertext format for asymmetric KMS keys does not include fields for metadata.
* </p>
* <p>
* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact
* case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on
* operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an
encryption

```

* context is optional, but it is strongly recommended.

* </p>

* <p>

* For more information, see <a

* href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption context

* in the <i>Key Management Service Developer Guide</i>.

* </p>

*/

/**

* <p>

* Specifies that encryption context to use when the reencrypting the data.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

* </p>

* </important>

* <p>

* A destination encryption context is valid only when the destination KMS key is a symmetric encryption KMS key.

* The standard ciphertext format for asymmetric KMS keys does not include fields for metadata.

* </p>

* <p>

* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an encryption

* context is optional, but it is strongly recommended.

* </p>

* <p>

* For more information, see <a

* href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption context

* in the <i>Key Management Service Developer Guide</i>.

* </p>

*

* @return Specifies that encryption context to use when the reencrypting the data.</p> <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

* </p>

* </important>

* <p>

* A destination encryption context is valid only when the destination KMS key is a symmetric encryption

KMS

```
* key. The standard ciphertext format for asymmetric KMS keys does not include fields for metadata.
* </p>
* <p>
* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an
* exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported
* only on operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS
keys,
* an encryption context is optional, but it is strongly recommended.
* </p>
* <p>
* For more information, see <a
*
href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
* context</a> in the <i>Key Management Service Developer Guide</i>.
*/
/**
* <p>
* Specifies that encryption context to use when the reencrypting the data.
* </p>
* <important>
* <p>
* Do not include
confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* A destination encryption context is valid only when the destination KMS key is a symmetric encryption KMS
key.
* The standard ciphertext format for asymmetric KMS keys does not include fields for metadata.
* </p>
* <p>
* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact
* case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on
* operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an
encryption
* context is optional, but it is strongly recommended.
* </p>
* <p>
* For more information, see <a
*
* href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
context</a>
* in the <i>Key Management Service Developer Guide</i>.
* </p>
```

```

*
* @param destinationEncryptionContext
*     Specifies that encryption context to use when the reencrypting the data.</p> <important>
*     <p>
*     Do not include confidential or sensitive information in this field. This field may be displayed in
*     plaintext in CloudTrail logs and other output.
*     </p>
*     </important>
*     <p>
*     A destination encryption context is valid only when the destination KMS key is a symmetric encryption
KMS
*     key. The standard ciphertext format for asymmetric KMS keys does not include fields for metadata.
*     </p>
*     <p>
*     An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
*     authenticated
data. When you use an encryption context to encrypt data, you must specify the same (an
*     exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported
*     only on operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS
keys,
*     an encryption context is optional, but it is strongly recommended.
*     </p>
*     <p>
*     For more information, see <a
*
href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
*     context</a> in the <i>Key Management Service Developer Guide</i>.
*/

```

Found in path(s):

```

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ReEncryptRequest.java

```

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```

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WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/

```

```

/**
 * <p>
 * A description of the KMS key. The default value is an empty string (no description).
 * </p>
 * <important>
 * <p>
 * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
 * CloudTrail logs and other output.
 * </p>
 * </important>
 * <p>
 * The description is not a shared property of multi-Region keys. You can specify the same description or a
 * different description for each key in a set of related multi-Region keys. KMS does not synchronize this
property.
 * </p>
 */
/**
 * <p>
 * A description of the KMS key. The default value is an empty string (no description).
 * </p>
 * <important>
 * <p>
 * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
 * CloudTrail logs and other output.
 * </p>
 * </important>
 * <p>
 * The description is not a shared property of multi-Region keys. You can specify the same description or a
 * different description for each key in a set of related multi-Region keys. KMS does not synchronize this
property.
 * </p>
 *
 * @param description
 * A description of the KMS key. The default value is an empty string (no description).</p> <important>
 * <p>
 * Do not include confidential or sensitive information in this field. This field may be displayed in
 * plaintext in CloudTrail logs and other output.
 * </p>
 * </important>
 * <p>
 * The description is not a shared property of multi-Region keys. You can specify the same description or a
 * different description for each key in a set of related multi-Region keys. KMS does not synchronize this
 * property.
 */
/**
 * <p>
 * A description of the KMS key. The default value is an empty string (no description).
 * </p>

```



```

* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* The description is not a shared property of multi-Region keys. You can specify the same description or a
* different
description for each key in a set of related multi-Region keys. KMS does not synchronize this property.
* </p>
*
* @return A description of the KMS key. The default value is an empty string (no description).</p> <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in
* plaintext in CloudTrail logs and other output.
* </p>
* </important>
* <p>
* The description is not a shared property of multi-Region keys. You can specify the same description or a
* different description for each key in a set of related multi-Region keys. KMS does not synchronize this
* property.
*/

```

Found in path(s):

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/ReplicateKeyRequest.java

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```

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* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
/**
* <p>
* Identifies the alias that is changing its KMS key. This value must begin with <code>alias</code> followed by
the
* alias name, such as <code>alias/ExampleAlias</code>. You cannot use <code>UpdateAlias</code> to change

```

the alias

- * name.

- * </p>

- * <important>

- * <p>

- * Do not include confidential or

sensitive information in this field. This field may be displayed in plaintext in

- * CloudTrail logs and other output.

- * </p>

- * </important>

- */

/**

- * <p>

Identifies the alias that is changing its KMS key. This value must begin with <code>alias/</code> followed by the

the alias
alias name, such as <code>alias/ExampleAlias</code>. You cannot use <code>UpdateAlias</code> to change

- * name.

- * </p>

- * <important>

- * <p>

- * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in

- * CloudTrail logs and other output.

- * </p>

- * </important>

- *

- * @param aliasName

- * Identifies the alias that is changing its KMS key. This value must begin with <code>alias/</code> followed

- * by the alias name, such as <code>alias/ExampleAlias</code>. You cannot use <code>UpdateAlias</code>

to

- * change the alias name.</p> <important>

- *

- <p>

- * Do not include confidential or sensitive information in this field. This field may be displayed in

- * plaintext in CloudTrail logs and other output.

- * </p>

- */

/**

- * <p>

Identifies the alias that is changing its KMS key. This value must begin with <code>alias/</code> followed by the

the alias
alias name, such as <code>alias/ExampleAlias</code>. You cannot use <code>UpdateAlias</code> to change

- * name.

- * </p>

- * <important>

- * <p>

- * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in

```

* CloudTrail logs and other output.
* </p>
* </important>
*
* @return Identifies the alias that is changing its KMS key. This value must begin with <code>alias/</code>
* followed by the alias name, such as <code>alias/ExampleAlias</code>. You cannot use
* <code>UpdateAlias</code> to change the alias name.</p>
<important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in
* plaintext in CloudTrail logs and other output.
* </p>
*/

```

Found in path(s):

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/UpdateAliasRequest.java

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

```

/*
* Copyright 2018-2023 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
* with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
* permissions
* and limitations under the License.
*/
/**
* <p>
* Specifies the alias name. This value must begin with <code>alias/</code> followed by a name, such as
* <code>alias/ExampleAlias</code>.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and
other output.
* </p>
* </important>
* <p>
* The <code>AliasName</code> value must be string of 1-256 characters. It can contain only alphanumeric
characters,

```

- * forward slashes (/), underscores (_), and dashes (-). The alias name cannot begin with `alias/aws/`.
- * The `alias/aws/` prefix is reserved for <a
- * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#aws-managed-cmk">Amazon

Web Services

- * managed keys.
- * </p>
- * /

/**

- * <p>
- * Specifies the alias name. This value must begin with `alias/` followed by a name, such as
- * `alias/ExampleAlias`.
- * </p>
- * <important>
- * <p>
- * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
- * CloudTrail logs and other output.
- * </p>
- * </important>
- * <p>
- * The `AliasName` value must be string of 1-256 characters.

It can contain only alphanumeric characters,

- * forward slashes (/), underscores (_), and dashes (-). The alias name cannot begin with `alias/aws/`.
- * The `alias/aws/` prefix is reserved for <a
- * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#aws-managed-cmk">Amazon

Web Services

- * managed keys.
- * </p>
- *
- * @param aliasName
- * Specifies the alias name. This value must begin with `alias/` followed by a name, such as
- * `alias/ExampleAlias`. </p> <important>
- * <p>
- * Do not include confidential or sensitive information in this field. This field may be displayed in
- * plaintext in CloudTrail logs and other output.
- * </p>
- * </important>
- * <p>
- * The `AliasName` value must be string of 1-256 characters. It can contain only alphanumeric
- * characters, forward

slashes (/), underscores (_), and dashes (-). The alias name cannot begin with

- * `alias/aws/`. The `alias/aws/` prefix is reserved for <a
- * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#aws-managed-

cmk">Amazon Web

- * Services managed keys.
- * /

/**

- * <p>
- * Specifies the alias name. This value must begin with `alias/` followed by a name, such as

```

* <code>alias/ExampleAlias</code>.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* The <code>AliasName</code> value must be string of 1-256 characters. It can contain only alphanumeric
characters,
* forward slashes (/), underscores (_), and dashes (-). The alias name cannot begin with <code>alias/aws/</code>.
* The
<code>alias/aws/</code> prefix is reserved for <a
* href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#aws-managed-cmk">Amazon
Web Services
* managed keys</a>.
* </p>
*
* @return Specifies the alias name. This value must begin with <code>alias/</code> followed by a name, such as
* <code>alias/ExampleAlias</code>. </p> <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in
* plaintext in CloudTrail logs and other output.
* </p>
* </important>
* <p>
* The <code>AliasName</code> value must be string of 1-256 characters. It can contain only alphanumeric
* characters, forward slashes (/), underscores (_), and dashes (-). The alias name cannot begin with
* <code>alias/aws/</code>. The <code>alias/aws/</code> prefix is reserved for <a
* href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#aws-managed-
cmk">Amazon
Web
* Services managed keys</a>.
*/

```

Found in path(s):

```

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CreateAliasRequest.java

```

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```

/*

```

```

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```

```

*

```

```

* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
with

```

```

* the License. A copy of the License is located at

```

```

*

```

```

* http://aws.amazon.com/apache2.0

```

```

*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
/**
* <p>
* Specifies the encryption context that will be used when encrypting the private key in the data key pair.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact
* case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on
* operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an
encryption
* context is optional, but it is strongly recommended.
* </p>
* <p>
* For more information, see <a
* href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
context</a>
* in the <i>Key Management Service Developer Guide</i>.
* </p>
*/
/**
* <p>
* Specifies the encryption context that will be used when encrypting the private key in the data key pair.
* </p>
* <important>
* <p>
* Do not include confidential
or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact
* case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on
* operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an

```

encryption

* context is optional, but it is strongly recommended.

* </p>

* <p>

* For more information, see <a

* href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption context

* in the <i>Key Management Service Developer Guide</i>.

* </p>

*

* @return Specifies the encryption context that will

be used when encrypting the private key in the data key

* pair.</p> <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in

* plaintext in CloudTrail logs and other output.

* </p>

* </important>

* <p>

* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an
* exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported
* only on operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS

keys,

* an encryption context is optional, but it is strongly recommended.

* </p>

* <p>

* For more information, see <a

*

href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption

* context in the <i>Key Management Service Developer Guide</i>.

*/

/**

* <p>

* Specifies the encryption context that will be used when encrypting the private key in the data key pair.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in

* CloudTrail logs and other output.

* </p>

* </important>

* <p>

* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional

* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact

* case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on

* operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS

keys, an encryption

- * context is optional, but it is strongly recommended.

- * </p>

- * <p>

- * For more information, see <a

- * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption context

- * in the <i>Key Management Service Developer Guide</i>.

- * </p>

- *

- * @param encryptionContext

- * Specifies the encryption context that will be used when encrypting the private key in the data key pair.</p> <important>

- * <p>

- * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

- * </p>

- * </important>

- * <p>

- * An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional authenticated data. When you use an encryption context to encrypt data, you must specify the

same (an

- * exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported

- * only on operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS

keys,

- * an encryption context is optional, but it is strongly recommended.

- * </p>

- * <p>

- * For more information, see <a

- *

- * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption

- * context in the <i>Key Management Service Developer Guide</i>.

- * /

Found in path(s):

- * /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/GenerateDataKeyPairRequest.java

- * /aws-java-sdk-kms-1-12-469-sources-

- jar/com/amazonaws/services/kms/model/GenerateDataKeyPairWithoutPlaintextRequest.java

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- *

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```

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WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
/**
 * <p>
 * A description of the KMS key. Use a description that helps you decide whether the KMS key is appropriate for
a
 * task. The default value is an empty string (no description).
 * </p>
 * <important>
 * <p>
 * Do not include confidential or sensitive information in this field. This field may be displayed in
plaintext in
 * CloudTrail logs and other output.
 * </p>
 * </important>
 * <p>
 * To set or change the description after the key is created, use <a>UpdateKeyDescription</a>.
 * </p>
 */
/**
 * <p>
 * A description of the KMS key. Use a description that helps you decide whether the KMS key is appropriate for
a
 * task. The default value is an empty string (no description).
 * </p>
 * <important>
 * <p>
 * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
 * CloudTrail logs and other output.
 * </p>
 * </important>
 * <p>
 * To set or change the description after the key is created, use <a>UpdateKeyDescription</a>.
 * </p>
 *
 * @param description
 *     A description of the KMS key. Use a description that helps you decide whether the KMS key is appropriate
 *     for a task. The default value is an empty string (no description).</p>
<important>
 *     <p>
 *     Do not include confidential or sensitive information in this field. This field may be displayed in
 *     plaintext in CloudTrail logs and other output.
 *     </p>

```

```

*    </important>
*    <p>
*    To set or change the description after the key is created, use <a>UpdateKeyDescription</a>.
*/
/**
* <p>
* A description of the KMS key. Use a description that helps you decide whether the KMS key is appropriate for
a
* task. The default value is an empty string (no description).
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* To set or change the description after the key is created, use <a>UpdateKeyDescription</a>.
* </p>
*
* @return A description of the KMS key.
Use a description that helps you decide whether the KMS key is appropriate
*    for a task. The default value is an empty string (no description).</p> <important>
*    <p>
*    Do not include confidential or sensitive information in this field. This field may be displayed in
*    plaintext in CloudTrail logs and other output.
*    </p>
*    </important>
*    <p>
*    To set or change the description after the key is created, use <a>UpdateKeyDescription</a>.
*/

```

Found in path(s):

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CreateKeyRequest.java

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```

/*
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with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing

```

permissions

* and limitations under the License.

*/

/**

* <p>

* Identifies the KMS key for the grant. The grant gives principals permission to use this KMS key.

* </p>

* <p>

* Specify the key ID or key ARN of the KMS key. To specify a KMS key in a different Amazon Web Services

account,

* you must use the key ARN.

* </p>

* <p>

* For example:

* </p>

*

*

* <p>

* Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>

* </p>

*

*

* <p>

* Key ARN: <code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-1234567890ab</code>

* </p>

*

*

* <p>

* To get the key ID and key ARN for a KMS key, use <a>ListKeys or <a>DescribeKey.

* </p>

*/

/**

* <p>

* The principal that has permission to use the <a>RetireGrant operation to retire the grant.

* </p>

* <p>

* To specify the principal, use the <a

* href="https://docs.aws.amazon.com/general/latest/gr/aws-arns-and-namespaces.html">Amazon Resource Name
(ARN)

* of an Amazon Web Services principal. Valid principals include Amazon Web Services accounts, IAM users,
IAM roles,

* federated users, and assumed role users. For help with the ARN syntax for a principal, see <a

* href="https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_identifiers.html#identifiers-arns">IAM
ARNs

* in the <i> <i>Identity and Access Management User Guide</i> </i>.

* </p>

* <p>

* The grant determines the retiring principal. Other principals might have permission to retire the grant or revoke

- * the grant. For details, see [RevokeGrant](#) and [Retiring and revoking grants](#) in the *Key Management Service Developer Guide*.
- * `</p>`
- * `</important>`
- * `<p>`
- * Specifies a grant constraint.
- * `</p>`
- * `<important>`
- * `<p>`
- * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.
- * `</p>`
- * `</important>`
- * `<p>`
- * KMS supports the `EncryptionContextEquals` and `EncryptionContextSubset` grant constraints,
 - * which allow the permissions in the grant only when the encryption context in the request matches (
 - * `EncryptionContextEquals`) or includes (`EncryptionContextSubset`) the encryption context
 - * specified in the constraint.
 - * `</p>`
 - * `<p>`
 - * The encryption context grant constraints are supported only on [grant operations](#) that include an `EncryptionContext` parameter, such as cryptographic operations on
 - * symmetric encryption KMS keys. Grants with grant constraints can include the [DescribeKey](#) and [RetireGrant](#) operations, but the constraint doesn't apply to these operations. If a grant with a grant constraint includes the `CreateGrant` operation, the constraint requires that any grants created with
 - * the `CreateGrant` permission have an equally strict or stricter encryption context constraint.
 - * `</p>`
 - * `<p>`
 - * You cannot use an encryption context grant constraint for cryptographic operations with asymmetric KMS keys or
 - * HMAC KMS keys. Operations with these keys don't support an encryption context.
 - * `</p>`
 - * `<p>`
 - * Each constraint value can include up to 8 encryption context pairs. The encryption context value in each constraint cannot exceed 384 characters. For information about grant constraints, see [Using grant constraints](#) in the *Key Management Service Developer Guide*. For more information about encryption

```

* context, see <a
* href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
context</a>
* in the <i>Key Management Service Developer Guide</i>.
* </p>
*/
/**
* <p>
* Identifies the KMS key for the grant.
The grant gives principals permission to use this KMS key.
* </p>
* <p>
* Specify the key ID or key ARN of the KMS key. To specify a KMS key in a different Amazon Web Services
account,
* you must use the key ARN.
* </p>
* <p>
* For example:
* </p>
* <ul>
* <li>
* <p>
* Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>
* </p>
* </li>
* <li>
* <p>
* Key ARN: <code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-1234567890ab</code>
* </p>
* </li>
* </ul>
* <p>
* To get the key ID and key ARN for a KMS key, use <a>ListKeys</a> or <a>DescribeKey</a>.
* </p>
*
* @param keyId
* Identifies the KMS key for the grant. The grant gives principals permission to use this KMS key.</p>
* <p>
* Specify the key ID or key ARN of the KMS key. To specify a KMS key in a different Amazon Web
Services
* account, you
must use the key ARN.
* </p>
* <p>
* For example:
* </p>
* <ul>
* <li>

```

```

*   <p>
*   Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>
*   </p>
*   </li>
*   <li>
*   <p>
*   Key ARN: <code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-
1234567890ab</code>
*   </p>
*   </li>
*   </ul>
*   <p>
*   To get the key ID and key ARN for a KMS key, use <a>ListKeys</a> or <a>DescribeKey</a>.
*/
/**
*   <p>
*   Identifies the KMS key for the grant. The grant gives principals permission to use this KMS key.
*   </p>
*   <p>
*   Specify the key ID or key ARN of the KMS key. To specify a KMS key in a different Amazon Web Services
account,
*   you must use the key ARN.
*   </p>
*   <p>
*   For example:
*   </p>
*   <ul>
*   <li>
*   <p>
*
Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>
*   </p>
*   </li>
*   <li>
*   <p>
*   Key ARN: <code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-1234567890ab</code>
*   </p>
*   </li>
*   </ul>
*   <p>
*   To get the key ID and key ARN for a KMS key, use <a>ListKeys</a> or <a>DescribeKey</a>.
*   </p>
*
*   @return Identifies the KMS key for the grant. The grant gives principals permission to use this KMS key.</p>
*   <p>
*   Specify the key ID or key ARN of the KMS key. To specify a KMS key in a different Amazon Web
Services
*   account, you must use the key ARN.

```

```

* </p>
* <p>
* For example:
* </p>
* <ul>
* <li>
* <p>
* Key ID: <code>1234abcd-12ab-34cd-56ef-1234567890ab</code>
* </p>
* </li>
* <li>
* <p>
* Key ARN:
<code>arn:aws:kms:us-east-2:111122223333:key/1234abcd-12ab-34cd-56ef-1234567890ab</code>
* </p>
* </li>
* </ul>
* <p>
* To get the key ID and key ARN for a KMS key, use <a>ListKeys</a> or <a>DescribeKey</a>.
*/
/**
* <p>
* The principal that has permission to use the <a>RetireGrant</a> operation to retire the grant.
* </p>
* <p>
* To specify the principal, use the <a
* href="https://docs.aws.amazon.com/general/latest/gr/aws-arns-and-namespaces.html">Amazon Resource Name
(ARN)</a>
* of an Amazon Web Services principal. Valid principals include Amazon Web Services accounts, IAM users,
IAM roles,
* federated users, and assumed role users. For help with the ARN syntax for a principal, see <a
* href="https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_identifiers.html#identifiers-arns">IAM
ARNs</a>
* in the <i>Identity and Access Management User Guide</i>.
* </p>
* <p>
* The grant determines the retiring principal. Other principals might have permission to retire the grant or revoke
* the grant. For details, see <a>RevokeGrant</a> and <a
* href="https://docs.aws.amazon.com/kms/latest/developerguide/grant-manage.html#grant-delete">Retiring and
revoking
* grants</a> in the <i>Key Management Service Developer Guide</i>.
* </p>
*
* @param retiringPrincipal
* The principal that has permission to use the <a>RetireGrant</a> operation to retire the grant. </p>
* <p>
* To specify the principal, use the <a
* href="https://docs.aws.amazon.com/general/latest/gr/aws-arns-and-namespaces.html">Amazon Resource

```

Name

```
* (ARN) of an Amazon Web Services principal. Valid principals include Amazon Web Services
accounts, IAM
* users, IAM roles, federated users, and assumed role users. For help with the ARN syntax for a principal,
*
see <a
* href="https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_identifiers.html#identifiers-
arns">IAM
* ARNs in the <i>Identity and Access Management User Guide</i>.
* </p>
* <p>
* The grant determines the retiring principal. Other principals might have permission to retire the grant or
* revoke the grant. For details, see <a>RevokeGrant</a> and <a
* href="https://docs.aws.amazon.com/kms/latest/developerguide/grant-manage.html#grant-delete">Retiring
and
* revoking grants in the <i>Key Management Service Developer Guide</i>.
*/
/**
* <p>
* The principal that has permission to use the <a>RetireGrant</a> operation to retire the grant.
* </p>
* <p>
* To specify the principal, use the <a
* href="https://docs.aws.amazon.com/general/latest/gr/aws-arns-and-namespaces.html">Amazon Resource Name
(ARN) of an Amazon Web Services
principal. Valid principals include Amazon Web Services accounts, IAM users, IAM roles,
* federated users, and assumed role users. For help with the ARN syntax for a principal, see <a
* href="https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_identifiers.html#identifiers-arns">IAM
ARNs
* in the <i>Identity and Access Management User Guide</i>.
* </p>
* <p>
* The grant determines the retiring principal. Other principals might have permission to retire the grant or revoke
* the grant. For details, see <a>RevokeGrant</a> and <a
* href="https://docs.aws.amazon.com/kms/latest/developerguide/grant-manage.html#grant-delete">Retiring and
revoking
* grants in the <i>Key Management Service Developer Guide</i>.
* </p>
*
* @return The principal that has permission to use the <a>RetireGrant</a> operation to retire the grant. </p>
* <p>
* To specify the principal, use the <a
*
* href="https://docs.aws.amazon.com/general/latest/gr/aws-arns-and-namespaces.html">Amazon Resource Name
* (ARN) of an Amazon Web Services principal. Valid principals include Amazon Web Services
accounts, IAM
* users, IAM roles, federated users, and assumed role users. For help with the ARN syntax for a principal,
```


- * see <a
- * href="https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_identifiers.html#identifiers-arns">IAM
- * ARNs in the <i>Identity and Access Management User Guide</i> </i>.
- * </p>
- * <p>
- * The grant determines the retiring principal. Other principals might have permission to retire the grant
- * or revoke the grant. For details, see <a>RevokeGrant and <a
- * href="https://docs.aws.amazon.com/kms/latest/developerguide/grant-manage.html#grant-delete">Retiring
- and
- * revoking grants in the <i>Key Management Service
- Developer Guide</i>.
- */
- /**
- * <p>
- * Specifies a grant constraint.
- * </p>
- * <important>
- * <p>
- * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
- * CloudTrail logs and other output.
- * </p>
- * </important>
- * <p>
- * KMS supports the <code>EncryptionContextEquals</code> and <code>EncryptionContextSubset</code> grant
- constraints,
- * which allow the permissions in the grant only when the encryption context in the request matches (
- * <code>EncryptionContextEquals</code>) or includes (<code>EncryptionContextSubset</code>) the
- encryption context
- * specified in the constraint.
- * </p>
- * <p>
- * The encryption context grant constraints are supported only on <a
- * href="https://docs.aws.amazon.com/kms/latest/developerguide/grants.html#terms-grant-operations">grant
- * operations that include an <code>EncryptionContext</code> parameter, such
- as cryptographic operations on
- * symmetric encryption KMS keys. Grants with grant constraints can include the <a>DescribeKey and
- * <a>RetireGrant operations, but the constraint doesn't apply to these operations. If a grant with a grant
- * constraint includes the <code>CreateGrant</code> operation, the constraint requires that any grants created
- with
- * the <code>CreateGrant</code> permission have an equally strict or stricter encryption context constraint.
- * </p>
- * <p>
- * You cannot use an encryption context grant constraint for cryptographic operations with asymmetric KMS keys
- or
- * HMAC KMS keys. Operations with these keys don't support an encryption context.
- * </p>
- * <p>

- * Each constraint value can include up to 8 encryption context pairs. The encryption context value in each
- * constraint cannot exceed 384 characters. For information about grant constraints, see <a
- * href="https://docs.aws.amazon.com/kms/latest/developerguide/create-grant-overview.html#grant-

constraints">Using

- * grant constraints in the <i>Key Management Service Developer Guide</i>. For more information about

encryption

- * context, see <a
- * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption

context

- * in the <i><i>Key Management Service Developer Guide</i></i>.

* </p>

*

- * @param constraints
- * Specifies a grant constraint.</p> <important>
- * <p>
- * Do not include confidential or sensitive information in this field. This field may be displayed in
- * plaintext in CloudTrail logs and other output.
- * </p>
- * </important>
- * <p>
- * KMS supports the <code>EncryptionContextEquals</code> and <code>EncryptionContextSubset</code>

grant

- * constraints, which allow the permissions in the grant only when the encryption context in the request
- * matches (<code>EncryptionContextEquals</code>) or includes (<code>EncryptionContextSubset</code>) the
- * encryption context specified in the constraint.
- * </p>
- * <p>
- * The encryption context grant constraints are supported only on <a
- * href="https://docs.aws.amazon.com/kms/latest/developerguide/grants.html#terms-grant-operations">grant
- * operations that include an <code>EncryptionContext</code> parameter, such as cryptographic

operations

- * on symmetric encryption KMS keys. Grants with grant constraints can include the <a>DescribeKey

and

- * <a>RetireGrant operations, but the constraint doesn't apply to these operations. If a grant with a
- * grant constraint includes the <code>CreateGrant</code> operation, the constraint requires that any grants
- * created with the <code>CreateGrant</code> permission have an equally strict or stricter encryption context
- * constraint.
- * </p>
- * <p>
- * You cannot use an encryption context grant constraint for cryptographic operations with asymmetric KMS
- * keys or HMAC KMS keys. Operations with these keys don't support an encryption context.
- * </p>
- * <p>
- * Each constraint value can include up to 8 encryption context pairs. The encryption context value in each
- * constraint cannot exceed 384 characters. For information about grant constraints, see <a href=
- * "https://docs.aws.amazon.com/kms/latest/developerguide/create-grant-overview.html#grant-

constraints">Using

- * [grant constraints](#) in the *Key Management Service Developer Guide*. For more information about
- * encryption context, see [Encryption context](#) in the *Key Management Service Developer Guide*.
- */
- /**
- * <p>
- * Specifies a grant constraint.
- * </p>
- * <important>
- * <p>
- * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
- * CloudTrail logs and other output.
- * </p>
- * </important>
- * <p>
- * KMS supports the `EncryptionContextEquals` and `EncryptionContextSubset` grant constraints,
- * which allow the permissions in the grant only when the encryption context in the request matches (
- * `EncryptionContextEquals`) or includes (`EncryptionContextSubset`) the encryption context
- * specified in the constraint.
- * </p>
- * <p>
- * The encryption context grant constraints are supported only on [grant operations](#) that include an `EncryptionContext` parameter,
- such as cryptographic operations on
- * symmetric encryption KMS keys. Grants with grant constraints can include the [DescribeKey](#) and
- * [RetireGrant](#) operations, but the constraint doesn't apply to these operations. If a grant with a grant
- * constraint includes the `CreateGrant` operation, the constraint requires that any grants created with
- * the `CreateGrant` permission have an equally strict or stricter encryption context constraint.
- * </p>
- * <p>
- * You cannot use an encryption context grant constraint for cryptographic operations with asymmetric KMS keys
- or
- * HMAC KMS keys. Operations with these keys don't support an encryption context.
- * </p>
- * <p>
- * Each constraint value can include up to 8 encryption context pairs. The encryption context value in each
- * constraint cannot exceed 384 characters. For information about grant constraints, see [Using constraints](#)

* grant constraints in the *Key Management Service Developer Guide*. For more information about encryption

- * context, see [Encryption context](https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context)
- * in the *Key Management Service Developer Guide*.

* @return Specifies a grant constraint.

Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

KMS supports the `EncryptionContextEquals` and `EncryptionContextSubset`

grant

- * constraints, which allow the permissions in the grant only when the encryption context in the request
- * matches

(`EncryptionContextEquals`) or includes (`EncryptionContextSubset`) the

- * encryption context specified in the constraint.

- * The encryption context grant constraints are supported only on [grant operations](https://docs.aws.amazon.com/kms/latest/developerguide/grants.html#terms-grant-operations) that include an `EncryptionContext` parameter, such as cryptographic

operations

- * on symmetric encryption KMS keys. Grants with grant constraints can include the [DescribeKey](#)

and

- * [RetireGrant](#) operations, but the constraint doesn't apply to these operations. If a grant with a
- * grant constraint includes the `CreateGrant` operation, the constraint requires that any grants
- * created with the `CreateGrant` permission have an equally strict or stricter encryption
- * context constraint.

You cannot use an encryption context grant constraint for cryptographic operations with asymmetric KMS keys or HMAC KMS keys. Operations with these keys don't support an encryption context.

Each constraint value can include up to 8 encryption context pairs. The encryption context value in each constraint cannot exceed 384 characters. For information about grant constraints, see [Using grant constraints](https://docs.aws.amazon.com/kms/latest/developerguide/create-grant-overview.html#grant-constraints) in the *Key Management Service Developer Guide*. For more information

- * about encryption context, see [Encryption](https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context)

* context in the *Key Management*
Service Developer Guide.

Found in path(s):

* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/CreateGrantRequest.java

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

/*

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*

* <http://aws.amazon.com/apache2.0>

*

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* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions

* and limitations under the License.

*/

/**

* <p>

* Specifies the encryption context that will be used to encrypt the data. An encryption context is valid only for

* <https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#cryptographic-operations>

* cryptographic operations with a symmetric encryption KMS key. The standard asymmetric encryption algorithms

* and HMAC algorithms that KMS uses do not support an encryption context.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in CloudTrail logs and other output.

* </p>

* </important>

* <p>

* An *encryption context* is a collection of non-secret key-value pairs that represent additional

* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact

* case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on

* operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an encryption

* context is optional, but it is strongly recommended.

* </p>

* <p>

* For more information, see https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context

* >Encryption

```

context</a>
    * in the <i>Key Management Service Developer Guide</i>.
    * </p>
    */
/**
    * <p>
    * Specifies the encryption context that will be used to encrypt the data. An encryption context is valid only for
    * <a href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#cryptographic-operations">
    * cryptographic operations</a> with a symmetric encryption KMS key. The standard asymmetric encryption
    algorithms
    * and HMAC algorithms that KMS uses do not support an encryption context.
    * </p>
    * <important>
    * <p>
    * Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
    * CloudTrail logs and other output.
    * </p>
    * </important>
    * <p>
    * An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
    * authenticated data. When you use an encryption context to encrypt data, you must specify
    the same (an exact
    * case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on
    * operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an
    encryption
    * context is optional, but it is strongly recommended.
    * </p>
    * <p>
    * For more information, see <a
    * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
    context</a>
    * in the <i>Key Management Service Developer Guide</i>.
    * </p>
    *
    * @return Specifies the encryption context that will be used to encrypt the data. An encryption context is valid
    * only for <a
    * href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#cryptographic-operations"
    * >cryptographic operations</a> with a symmetric encryption KMS key. The standard asymmetric
    encryption
    * algorithms and HMAC algorithms that
    KMS uses do not support an encryption context. </p> <important>
    * <p>
    * Do not include confidential or sensitive information in this field. This field may be displayed in
    * plaintext in CloudTrail logs and other output.
    * </p>
    * </important>
    * <p>
    * An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional

```

* authenticated data. When you use an encryption context to encrypt data, you must specify the same (an exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys,

* an encryption context is optional, but it is strongly recommended.

* </p>

* <p>

* For more information, see Encryption context in the <i>Key Management Service Developer Guide</i>.

*/

/**

* <p>

* Specifies the encryption context that will be used to encrypt the data. An encryption context is valid only for

* cryptographic operations with a symmetric encryption KMS key. The standard asymmetric encryption algorithms

* and HMAC algorithms that KMS uses do not support an encryption context.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in

* CloudTrail logs and other output.

* </p>

* </important>

* <p>

* An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional

* authenticated data. When you

use an encryption context to encrypt data, you must specify the same (an exact

* case-sensitive match) encryption context to decrypt the data. An encryption context is supported only on

* operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS keys, an encryption

* context is optional, but it is strongly recommended.

* </p>

* <p>

* For more information, see Encryption context

* in the <i>Key Management Service Developer Guide</i>.

* </p>

*

* @param encryptionContext

* Specifies the encryption context that will be used to encrypt the data. An encryption context is valid

* only for cryptographic operations with a symmetric encryption KMS key.

The standard asymmetric encryption

```
*      algorithms and HMAC algorithms that KMS uses do not support an encryption context. </p> <important>
*      <p>
*      Do not include confidential or sensitive information in this field. This field may be displayed in
*      plaintext in CloudTrail logs and other output.
*      </p>
*      </important>
*      <p>
*      An <i>encryption context</i> is a collection of non-secret key-value pairs that represent additional
*      authenticated data. When you use an encryption context to encrypt data, you must specify the same (an
*      exact case-sensitive match) encryption context to decrypt the data. An encryption context is supported
*      only on operations with symmetric encryption KMS keys. On operations with symmetric encryption KMS
keys,
*      an encryption context is optional, but it is strongly recommended.
*      </p>
*      <p>
*
      For more information, see <a
*
href="https://docs.aws.amazon.com/kms/latest/developerguide/concepts.html#encrypt_context">Encryption
*      context</a> in the <i>Key Management Service Developer Guide</i>.
*/
```

Found in path(s):

```
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/EncryptRequest.java
```

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

```
/*
* Copyright 2018-2023 Amazon.com, Inc. or its affiliates. All Rights Reserved.
*
* Licensed under the Apache License, Version 2.0 (the "License"). You may not use this file except in compliance
with
* the License. A copy of the License is located at
*
* http://aws.amazon.com/apache2.0
*
* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT
WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
* and limitations under the License.
*/
/**
* <p>
* New description for the KMS key.
* </p>
* <important>
* <p>
```



```

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
*/
/**
* <p>
* New description for the KMS key.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
*
* @param description
*     New description for the KMS key.</p> <important>
*     <p>
*     Do not include confidential or sensitive information in this field. This field may be displayed in
*     plaintext in CloudTrail logs and other output.
*     </p>
*/
/**
* <p>
* New description for the KMS key.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
*
* @return New description for the KMS key.</p> <important>
*     <p>
*     Do not include confidential or sensitive information
in this field. This field may be displayed in
*     plaintext in CloudTrail logs and other output.
*     </p>
*/

```

Found in path(s):

```

* /aws-java-sdk-kms-1-12-469-sources-
jar/com/amazonaws/services/kms/model/UpdateKeyDescriptionRequest.java
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```

```

/*

```

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* the License. A copy of the License is located at

*

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*

* or in the "license" file accompanying this file. This file is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR

* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions

* and limitations under the License.

*/

/**

* <p>

* One or more tags. Each tag consists of a tag key and a tag value. The tag value can be an empty (null) string.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in

* CloudTrail logs and other output.

* </p>

* </important>

* <p>

* You cannot have more than one tag on a KMS key with the same tag key. If you specify an existing tag key with a

* different tag value, KMS replaces the current tag value with the specified one.

* </p>

*/

/**

* <p>

* One or more tags. Each tag consists of a tag key and a tag value. The tag value can be an empty (null) string.

* </p>

* <important>

* <p>

* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in

* CloudTrail logs and other output.

* </p>

* </important>

* <p>

* You cannot have more than one tag on a KMS key with the same tag key. If you specify an existing tag key with a

* different tag value, KMS replaces the current tag value with the specified one.

* </p>

*

* @return One or more tags. Each tag consists of a tag key and a tag value. The tag value can be an empty (null)

```

*      string.
</p> <important>
*      <p>
*      Do not include confidential or sensitive information in this field. This field may be displayed in
*      plaintext in CloudTrail logs and other output.
*      </p>
*      </important>
*      <p>
*      You cannot have more than one tag on a KMS key with the same tag key. If you specify an existing tag
key
*      with a different tag value, KMS replaces the current tag value with the specified one.
*/
/**
* <p>
* One or more tags. Each tag consists of a tag key and a tag value. The tag value can be an empty (null) string.
* </p>
* <important>
* <p>
* Do not include confidential or sensitive information in this field. This field may be displayed in plaintext in
* CloudTrail logs and other output.
* </p>
* </important>
* <p>
* You cannot have more than one tag on a KMS key with the same tag key. If you specify an existing tag key
with
a
* different tag value, KMS replaces the current tag value with the specified one.
* </p>
*
* @param tags
*      One or more tags. Each tag consists of a tag key and a tag value. The tag value can be an empty (null)
*      string. </p> <important>
*      <p>
*      Do not include confidential or sensitive information in this field. This field may be displayed in
*      plaintext in CloudTrail logs and other output.
*      </p>
*      </important>
*      <p>
*      You cannot have more than one tag on a KMS key with the same tag key. If you specify an existing tag key
*      with a different tag value, KMS replaces the current tag value with the specified one.
*/

```

Found in path(s):

```
* /aws-java-sdk-kms-1-12-469-sources-jar/com/amazonaws/services/kms/model/TagResourceRequest.java
```

1.65 dropwizard-configuration 2.1.2

1.65.1 Available under license :

Apache-2.0

1.66 jakarta-validation-api 3.0.2

1.66.1 Available under license :

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

```
<!--
~ Jakarta Bean Validation API
~
~ License: Apache License, Version 2.0
~ See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
-->
<![CDATA[
Comments to: <a href="mailto:bean-validation-dev@eclipse.org">bean-validation-dev@eclipse.org</a>.<br>
Copyright &#169; 2019,2020 Eclipse Foundation.<br>
Use is subject to <a href="{@docRoot}/doc-files/speclicense.html" target="_top">EFSL</a>; this spec is based on
material that is licensed under the Apache License, version 2.0.]]>
```

Found in path(s):

* /jakarta-validation-api-3-0-2-sources-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml

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

```
/*
* Jakarta Bean Validation API
*
* License: Apache License, Version 2.0
* See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
*/
```

Found in path(s):

```
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ValidateUnwrappedValue.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/executable/ValidateOnExecution.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/AssertTrue.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintDefinitionException.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Positive.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Digits.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Min.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/executable/package-info.java
*
/jakarta-validation-api-3-0-2-sources-jar/module-info.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ValidatorContext.java
* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/CascadableDescriptor.java
```

- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ExecutableDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/Configuration.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/MethodDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/spi/package-info.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/groups/Default.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/GroupDefinitionException.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/FutureOrPresent.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/NotBlank.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/DecimalMin.java
- *
- /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ConstraintDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/Payload.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/spi/BootstrapState.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ParameterNameProvider.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/Scope.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ValidationProviderResolver.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/NegativeOrZero.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/NotEmpty.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/valueextraction/ExtractedValue.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraintvalidation/ValidationTarget.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/UnexpectedTypeException.java
- *
- /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/CrossParameterDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/PropertyDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/BootstrapConfiguration.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/GroupConversionDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/valueextraction/package-info.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ReturnValueDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/bootstrap/GenericBootstrap.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/AssertFalse.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/valueextraction/Unwrapping.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ReportAsSingleViolation.java
- *
- /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintViolationException.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ParameterDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/Constraint.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/TraversableResolver.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/NoProviderFoundException.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ValidatorFactory.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Null.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ValidationException.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/Path.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/Validation.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/valueextraction/ValueExtractorDefinitionException.java
- *
- /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintValidatorFactory.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Max.java

- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/PastOrPresent.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Negative.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/Validator.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ContainerElementTypeDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ConstructorDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintDeclarationException.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Email.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Pattern.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ElementKind.java
- *
- /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/executable/ExecutableValidator.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/NotNull.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ElementDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Past.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/package-info.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ClockProvider.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Size.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/package-info.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/PositiveOrZero.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/bootstrap/ProviderSpecificBootstrap.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/Future.java
- *
- /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintTarget.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/DecimalMax.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/GroupSequence.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/spi/ConfigurationState.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/BeanDescriptor.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/groups/ConvertGroup.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraintvalidation/package-info.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/spi/ValidationProvider.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/MessageInterpolator.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/bootstrap/package-info.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/valueextraction/ValueExtractor.java
- *
- /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/groups/package-info.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintValidatorContext.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintViolation.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraintvalidation/SupportedValidationTarget.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/valueextraction/UnwrapByDefault.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/Valid.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/OverridesAttribute.java
- * /jakarta-validation-api-3-0-2-sources-
- jar/jakarta/validation/valueextraction/ValueExtractorDeclarationException.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/ConstraintValidator.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/constraints/package-info.java
- * /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/executable/ExecutableType.java
- *

/jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/MethodType.java

* /jakarta-validation-api-3-0-2-sources-jar/jakarta/validation/metadata/ContainerDescriptor.java

1.67 metrics-health-checks 4.0.5

1.67.1 Available under license :

Apache-2.0

1.68 protobuf-java-util 3.19.6

1.68.1 Available under license :

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Manifest-Version: 1.0

Automatic-Module-Name: com.google.protobuf.util

Bnd-LastModified: 1664485999546

Build-Jdk: 1.8.0_181-google-v7

Built-By: mkruskal

Bundle-Description: Utilities for Protocol Buffers

Bundle-DocURL: <https://developers.google.com/protocol-buffers/>

Bundle-License: <https://opensource.org/licenses/BSD-3-Clause>

Bundle-ManifestVersion: 2

Bundle-Name: Protocol Buffers [Util]

Bundle-SymbolicName: com.google.protobuf.util

Bundle-Version: 3.19.6

Created-By: Apache Maven Bundle Plugin

Export-Package: com.google.protobuf.util;version="3.19.6";uses:="com.google.protobuf,javax.annotation"

Import-Package: com.google.common.base;version="[30.1,31)",com.google.common.io;version="[30.1,31)",com.google.common.math;version="[30.1,31)",com.google.common.primitives;version="[30.1,31)",com.google.gson;version="[2.8,3)",com.google.gson.stream;version="[2.8,3)",com.google.protobuf;version="[3.19,4)",javax.annotation;version="[3.0,4)"

Require-Capability:

osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"

Tool: Bnd-3.0.0.201509101326

Found in path(s):

* /protobuf-java-util-3-19-6-jar/META-INF/MANIFEST.MF

1.69 jctools-core 3.1.0

1.69.1 Available under license :

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

```
<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>

  <artifactId>jctools-core</artifactId>
  <groupId>org.jctools</groupId>
  <version>3.1.0</version>
  <name>Java Concurrency Tools Core Library</name>
  <description>Java Concurrency Tools Core Library</description>
  <packaging>bundle</packaging>

  <dependencies>
    <dependency>
      <groupId>org.hamcrest</groupId>
      <artifactId>hamcrest-all</artifactId>
      <version>${hamcrest.version}</version>
      <scope>test</scope>
    </dependency>

    <dependency>
      <groupId>junit</groupId>
      <artifactId>junit</artifactId>
      <version>${junit.version}</version>
      <scope>test</scope>
    </dependency>

    <dependency>
      <groupId>com.google.guava</groupId>
      <artifactId>guava-testlib</artifactId>
      <version>${guava-testlib.version}</version>
      <scope>test</scope>
    </dependency>
  </dependencies>

  <build>
    <plugins>
      <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-surefire-plugin</artifactId>
        <version>3.0.0-M3</version>
        <configuration>
          <includes>
            <include>*</include>
          </includes>
        </configuration>
      </plugin>
    </plugins>
  </build>
</project>
```



```

<plugin>
  <groupId>org.apache.felix</groupId>
  <artifactId>maven-bundle-plugin</artifactId>
  <version>4.2.1</version>
  <extensions>true</extensions>
  <configuration>
    <instructions>
      <Import-Package>sun.misc;resolution:=optional</Import-Package>
    </instructions>
  </configuration>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-source-plugin</artifactId>
  <version>3.2.0</version>
  <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>3.1.1</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>
    <name>Apache
    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>
```

```

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
<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):

* /jctools-core-3-1-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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/*

```

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*/

```

Found in path(s):

```

* /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Ordering.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpMCAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MessagePassingQueueUtil.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpMCAtomicArrayQueue.java
*
* /jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeJvmInfo.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCLinkedQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpSCUnboundedXaddArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Preference.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpSCAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MessagePassingQueue.java

```

- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/SupportsIterator.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscGrowableArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseSpSCLinkedAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java
- *
- /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCLinkedAtomicQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpmcArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/maps/AbstractEntry.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddChunk.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscChunkedArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashMapLong.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeLongArrayAccess.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscBlockingConsumerArrayQueue.java
- *
- /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashMap.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseMpscLinkedArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingIdentityHashMap.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseLinkedQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/InternalAPI.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashSet.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/Pow2.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCChunkedAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/maps/ConcurrentAutoTable.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddChunk.java
- *
- /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/LinkedQueueNode.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCUnboundedArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/PortableJvmInfo.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingSetInt.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscLinkedQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeRefArrayAccess.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscCompoundQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCChunkedArrayQueue.java
- *
- /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java

- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/QueueFactory.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeAccess.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpSCGrowAtomicArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpSCGrowArrayQueue.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/util/RangeUtil.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/package-info.java
- * /jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseSpSCLinkedArrayQueue.java

1.70 jersey-container-servlet 2.37

1.70.1 Available under license :

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Source Code

The project maintains the following source code repositories:

* <https://github.com/eclipse-ee4j/jersey>

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- * License: Apache License, 2.0
- * Project: <http://beanvalidation.org/1.1/>
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- * by the @authors tag.

Hibernate Validator CDI, 6.1.2.Final

- * License: Apache License, 2.0
- * Project: <https://beanvalidation.org/>
- * Repackaged in org.glassfish.jersey.server.validation.internal.hibernate

Bootstrap v3.3.7

- * License: MIT license (<https://github.com/twbs/bootstrap/blob/master/LICENSE>)
- *
- Project: <http://getbootstrap.com>
- * Copyright: 2011-2016 Twitter, Inc

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- * Copyright (C) 2009 The Guava Authors

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 * /lombok-1-18-22-sources-jar/lombok/javac/JavacASTVisitor.java
 * /lombok-1-18-22-sources-jar/lombok/eclipse/EclipseASTAdapter.java
 * /lombok-1-18-22-sources-jar/lombok/javac/Javac.java

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* /lombok-1-18-22-sources-jar/lombok/core/configuration/LogDeclaration.java
* /lombok-1-18-22-sources-jar/lombok/core/handlers/LoggingFramework.java
* /lombok-1-18-22-sources-jar/lombok/CustomLog.java
* /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationValueType.java
* /lombok-1-18-22-sources-jar/lombok/core/CleanupTask.java
* /lombok-1-18-22-sources-jar/lombok/core/configuration/IdentifierName.java
* /lombok-1-18-22-sources-jar/lombok/core/CleanupRegistry.java

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* /lombok-1-18-22-sources-jar/lombok/javac/java7/CommentCollectingScanner.java
* /lombok-1-18-22-sources-jar/lombok/javac/java7/CommentCollectingScannerFactory.java
* /lombok-1-18-22-sources-jar/lombok/javac/java6/CommentCollectingScanner.java
* /lombok-1-18-22-sources-jar/lombok/javac/java6/CommentCollectingScannerFactory.java

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```
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleExtensionMethod.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleWith.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleFieldDefaults.java
*/lombok-1-18-22-sources-jar/lombok/core/PublicApiCreatorApp.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleExtensionMethod.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleFieldDefaults.java
*/lombok-1-18-22-sources-jar/lombok/bytecode/PoolConstantsApp.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleValue.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleValue.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/agent/PatchDelegatePortal.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleAccessors.java
*
*/lombok-1-18-22-sources-jar/lombok/eclipse/agent/PatchExtensionMethod.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleWith.java
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- * /lombok-1-18-22-sources-jar/lombok/experimental/FieldNameConstants.java
- * /lombok-1-18-22-sources-jar/lombok/launch/AnnotationProcessor.java
- * /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationResolverFactory.java

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* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleBuilderDefaultRemove.java

* /lombok-1-18-22-sources-jar/lombok/installer/eclipse/STS4LocationProvider.java

* /lombok-1-18-22-sources-jar/lombok/installer/eclipse/AngularIDELocationProvider.java

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* /lombok-1-18-22-sources-jar/lombok/javac/handlers/singulars/JavacJavaUtilSingularizer.java

* /lombok-1-18-22-sources-jar/lombok/javac/handlers/singulars/JavacJavaUtilListSetSingularizer.java

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* /lombok-1-18-22-sources-jar/lombok/eclipse/TransformEclipseAST.java

* /lombok-1-18-22-sources-jar/lombok/javac/JavacAST.java

* /lombok-1-18-22-sources-jar/lombok/core/TypeResolver.java

* /lombok-1-18-22-sources-jar/lombok/core/handlers/InclusionExclusionUtils.java

* /lombok-1-18-22-sources-jar/lombok/core/LombokNode.java

* /lombok-1-18-22-sources-jar/lombok/javac/apt/LombokProcessor.java

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* /lombok-1-18-22-sources-jar/lombok/javac/PackageName.java

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* /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationKeysLoader.java
* /lombok-1-18-22-sources-jar/lombok/core/Augments.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/package-info.java
* /lombok-1-18-22-sources-jar/lombok/core/FieldAugment.java
* /lombok-1-18-22-sources-jar/lombok/core/configuration/ExampleValueString.java
* /lombok-1-18-22-sources-jar/lombok/launch/Agent.java
* /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationProblemReporter.java
* /lombok-1-18-22-sources-jar/lombok/core/debug/ProblemReporter.java
* /lombok-1-18-22-sources-jar/lombok/experimental/Tolerate.java
* /lombok-1-18-22-sources-jar/lombok/core/configuration/FlagUsageType.java

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* /lombok-1-18-22-sources-jar/lombok/javac/JavacResolution.java
* /lombok-1-18-22-sources-jar/lombok/javac/java8/CommentCollectingScannerFactory.java

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 * /lombok-1-18-22-sources-jar/lombok/core/configuration/NullCheckExceptionType.java
 * /lombok-1-18-22-sources-jar/lombok/core/configuration/SingleConfigurationSource.java
 * /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationSource.java
 * /lombok-1-18-22-sources-jar/lombok/core/configuration/BubblingConfigurationResolver.java
 * /lombok-1-18-22-sources-jar/lombok/core/configuration/FileSystemSourceCache.java

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```
*/lombok-1-18-22-sources-jar/lombok/installer/Installer.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleCleanup.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleGetter.java
*/lombok-1-18-22-sources-jar/lombok/core/Version.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleCleanup.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleSynchronized.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleSneakyThrows.java
*/lombok-1-18-22-sources-jar/lombok/transform/TestLombokFilesIdempotent.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleSynchronized.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/agent/EclipsePatcher.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/Eclipse.java
*
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleSetter.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/EclipseAST.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleToString.java
*/lombok-1-18-22-sources-jar/lombok/DirectoryRunner.java
*/lombok-1-18-22-sources-jar/lombok/javac/JavacNode.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleData.java
*/lombok-1-18-22-sources-jar/lombok/core/Main.java
*/lombok-1-18-22-sources-jar/lombok/transform/TestWithEcj.java
*/lombok-1-18-22-sources-jar/lombok/installer/eclipse/STSLocationProvider.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/JavacHandlerUtil.java
```

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* /lombok-1-18-22-sources-jar/lombok/RunTestsViaDelombok.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleSetter.java
* /lombok-1-18-22-sources-jar/lombok/installer/eclipse/EclipseLocationProvider.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandlePrintAST.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/EclipseNode.java
*
/lombok-1-18-22-sources-jar/lombok/core/handlers/SneakyThrowsAndCleanupDependencyInfo.java
* /lombok-1-18-22-sources-jar/lombok/transform/TestSourceFiles.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleData.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleSneakyThrows.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleEqualsAndHashCode.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleEqualsAndHashCode.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandlePrintAST.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleToString.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/EclipseHandlerUtil.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleGetter.java
* /lombok-1-18-22-sources-jar/lombok/delombok/DelombokApp.java
* /lombok-1-18-22-sources-jar/lombok/core/runtimeDependencies/CreateLombokRuntimeApp.java
* /lombok-1-18-22-sources-jar/lombok/transform/TestWithDelombok.java

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```

* /lombok-1-18-22-sources-jar/lombok/installer/IdeLocationProvider.java
* /lombok-1-18-22-sources-jar/lombok/installer/OsUtils.java
* /lombok-1-18-22-sources-jar/lombok/installer/eclipse/EclipseProductLocationProvider.java

```

* /lombok-1-18-22-sources-jar/lombok/installer/IdeLocation.java
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* /lombok-1-18-22-sources-jar/lombok/extern/log4j/Log4j2.java
* /lombok-1-18-22-sources-jar/lombok/javac/java9/CommentCollectingParserFactory.java
* /lombok-1-18-22-sources-jar/lombok/javac/Javac8BasedLombokOptions.java

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* /lombok-1-18-22-sources-jar/lombok/eclipse/EclipseAnnotationHandler.java
* /lombok-1-18-22-sources-jar/lombok/core/PrintAST.java
* /lombok-1-18-22-sources-jar/lombok/javac/JavacAnnotationHandler.java
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* /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationApp.java

* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleFieldNameConstants.java

* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleAccessors.java

* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleFieldNameConstants.java

* /lombok-1-18-22-sources-jar/lombok/launch/ShadowClassLoader.java

* /lombok-1-18-22-sources-jar/lombok/javac/JavacAugments.java

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- * /lombok-1-18-22-sources-jar/lombok/core/PostCompiler.java
- * /lombok-1-18-22-sources-jar/lombok/bytecode/ClassFileMetaData.java
- * /lombok-1-18-22-sources-jar/lombok/javac/apt/InterceptingJavaFileManager.java

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- * /lombok-1-18-22-sources-jar/lombok/eclipse/agent/PatchValEclipsePortal.java

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* /lombok-1-18-22-sources-jar/lombok/Setter.java
* /lombok-1-18-22-sources-jar/lombok/Synchronized.java
* /lombok-1-18-22-sources-jar/lombok/Cleanup.java
* /lombok-1-18-22-sources-jar/lombok/experimental/package-info.java
* /lombok-1-18-22-sources-jar/lombok/SneakyThrows.java
* /lombok-1-18-22-sources-jar/lombok/installer/InstallerGUI.java
* /lombok-1-18-22-sources-jar/lombok/Lombok.java
* /lombok-1-18-22-sources-jar/lombok/package-info.java
* /lombok-1-18-22-sources-jar/lombok/Data.java
* /lombok-1-18-22-sources-jar/lombok/installer/eclipse/EclipseProductLocation.java
* /lombok-1-18-22-sources-jar/lombok/Getter.java

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* /lombok-1-18-22-sources-jar/lombok/delombok/ant/DelombokTask.java

* /lombok-1-18-22-sources-jar/lombok/core/AnnotationProcessor.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/HandlerLibrary.java
* /lombok-1-18-22-sources-jar/lombok/AbstractRunTests.java
* /lombok-1-18-22-sources-jar/lombok/javac/HandlerLibrary.java
* /lombok-1-18-22-sources-jar/lombok/delombok/DocCommentIntegrator.java
* /lombok-1-18-22-sources-jar/lombok/ToString.java

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 * /lombok-1-18-22-sources-jar/lombok/val.java
 * /lombok-1-18-22-sources-jar/lombok/NoArgsConstructor.java
 * /lombok-1-18-22-sources-jar/lombok/extern/log4j/Log4j.java
 * /lombok-1-18-22-sources-jar/lombok/experimental/Delegate.java
 * /lombok-1-18-22-sources-jar/lombok/experimental/var.java
 * /lombok-1-18-22-sources-jar/lombok/Delegate.java
 * /lombok-1-18-22-sources-jar/lombok/AllArgsConstructor.java
 * /lombok-1-18-22-sources-jar/lombok/extern/apachecommons/CommonsLog.java

* /lombok-1-18-22-sources-jar/lombok/RequiredArgsConstructor.java

* /lombok-1-18-22-sources-jar/lombok/extern/java/Log.java

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* /lombok-1-18-22-sources-jar/lombok/javac/JavacImportList.java

* /lombok-1-18-22-sources-jar/lombok/core/ImportList.java

* /lombok-1-18-22-sources-jar/lombok/eclipse/EclipseImportList.java

* /lombok-1-18-22-sources-jar/lombok/javac/JavacTreeMaker.java

* /lombok-1-18-22-sources-jar/lombok/ConfigurationKeys.java

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* /lombok-1-18-22-sources-jar/lombok/bytecode/package-info.java
* /lombok-1-18-22-sources-jar/lombok/core/runtimeDependencies/package-info.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/package-info.java
* /lombok-1-18-22-sources-jar/lombok/javac/package-info.java
* /lombok-1-18-22-sources-jar/lombok/core/AgentLauncher.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/package-info.java

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* /lombok-1-18-22-sources-jar/lombok/core/LombokImmutableList.java
* /lombok-1-18-22-sources-jar/lombok/javac/Javac6BasedLombokOptions.java

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* /lombok-1-18-22-sources-jar/lombok/delombok/FormatPreferenceScanner.java
* /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationValueParser.java
* /lombok-1-18-22-sources-jar/lombok/core/debug/FileLog.java
* /lombok-1-18-22-sources-jar/lombok/core/JavaIdentifiers.java
* /lombok-1-18-22-sources-jar/lombok/delombok/LombokOptionsFactory.java
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 * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleVal.java
 * /lombok-1-18-22-sources-jar/lombok/javac/TreeMirrorMaker.java
 * /lombok-1-18-22-sources-jar/lombok/bytecode/AsmUtil.java
 * /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleDelegate.java
 * /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleVal.java
 * /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleConstructor.java
 * /lombok-1-18-22-sources-jar/lombok/eclipse/agent/PatchVal.java
 * /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleLog.java
 * /lombok-1-18-22-sources-jar/lombok/bytecode/PostCompilerApp.java
 * /lombok-1-18-22-sources-jar/lombok/launch/PatchFixesHider.java
 * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleLog.java
 *
 * /lombok-1-18-22-sources-jar/lombok/RunTestsViaEcj.java
 * /lombok-1-18-22-sources-jar/lombok/bytecode/SneakyThrowsRemover.java
 * /lombok-1-18-22-sources-jar/lombok/bytecode/PreventNullAnalysisRemover.java
 * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleConstructor.java
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- * /lombok-1-18-22-sources-jar/lombok/installer/eclipse/EclipseProductDescriptor.java

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```
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleNonNull.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleBuilder.java
*/lombok-1-18-22-sources-jar/lombok/javac/java8/CommentCollectingTokenizer.java
*/lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleBuilder.java
*/lombok-1-18-22-sources-jar/lombok/installer/eclipse/JbdsLocationProvider.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleJacksonized.java
*/lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleNonNull.java
*/lombok-1-18-22-sources-jar/lombok/installer/eclipse/RhdsLocationProvider.java
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 * /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationKey.java

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* /lombok-1-18-22-sources-jar/lombok/installer/eclipse/RhcrLocationProvider.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleSuperBuilderRemove.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleWithBy.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleJacksonized.java
* /lombok-1-18-22-sources-jar/lombok/javac/handlers/HandleBuilderRemove.java

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 * /lombok-1-18-22-sources-jar/lombok/javac/java8/CommentCollectingScanner.java
 * /lombok-1-18-22-sources-jar/lombok/core/LombokInternalAliasing.java
 * /lombok-1-18-22-sources-jar/lombok/javac/java8/CommentCollectingParser.java
 * /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationDataType.java
 * /lombok-1-18-22-sources-jar/lombok/core/configuration/TypeName.java

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- * /lombok-1-18-22-sources-jar/lombok/experimental/Helper.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/singulars/EclipseJavaUtilSingularizer.java
- * /lombok-1-18-22-sources-jar/lombok/core/GuavaTypeMap.java
- * /lombok-1-18-22-sources-jar/lombok/core/configuration/CallSuperType.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/agent/EclipseLoaderPatcher.java
- * /lombok-1-18-22-sources-jar/lombok/core/RunCoreTests.java
- * /lombok-1-18-22-sources-jar/lombok/core/handlers/Singulars.java
- * /lombok-1-18-22-sources-jar/lombok/core/debug/AssertionLogger.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/agent/EclipseLoaderPatcherTransplants.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/agent/PatchFixesShadowLoaded.java

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- * /lombok-1-18-22-sources-jar/lombok/core/debug/DebugSnapshotStore.java

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* /lombok-1-18-22-sources-jar/lombok/javac/apt/LombokFileObject.java

* /lombok-1-18-22-sources-jar/lombok/javac/apt/Javac7BaseFileObjectWrapper.java

* /lombok-1-18-22-sources-jar/lombok/javac/apt/InterceptingJavaFileObject.java

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* /lombok-1-18-22-sources-jar/lombok/TestEclipse.java
* /lombok-1-18-22-sources-jar/lombok/TestJavac.java

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* /lombok-1-18-22-sources-jar/lombok/javac/java8/CommentCollectingParserFactory.java
* /lombok-1-18-22-sources-jar/lombok/javac/java7/CommentCollectingParserFactory.java
* /lombok-1-18-22-sources-jar/lombok/javac/java6/CommentCollectingParserFactory.java

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- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleStandardException.java
- * /lombok-1-18-22-sources-jar/lombok/experimental/StandardException.java

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- * /lombok-1-18-22-sources-jar/lombok/core/DiagnosticsReceiver.java
- * /lombok-1-18-22-sources-jar/lombok/installer/UninstallException.java
- * /lombok-1-18-22-sources-jar/lombok/javac/apt/MessengerDiagnosticsReceiver.java

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* /lombok-1-18-22-sources-jar/lombok/delombok/UnicodeEscapeWriter.java
* /lombok-1-18-22-sources-jar/lombok/installer/CorruptedIdeLocationException.java
* /lombok-1-18-22-sources-jar/lombok/core/runtimeDependencies/RuntimeDependencyInfo.java
* /lombok-1-18-22-sources-jar/lombok/core/LombokApp.java
* /lombok-1-18-22-sources-jar/lombok/installer/WindowsDriveInfo.java
* /lombok-1-18-22-sources-jar/lombok/javac/apt/package-info.java
* /lombok-1-18-22-sources-jar/lombok/installer/package-info.java
* /lombok-1-18-22-sources-jar/lombok/AccessLevel.java
* /lombok-1-18-22-sources-jar/lombok/eclipse/agent/package-info.java
* /lombok-1-18-22-sources-jar/lombok/installer/AppleNativeLook.java
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- * /lombok-1-18-22-sources-jar/lombok/core/configuration/NullAnnotationLibrary.java
- * /lombok-1-18-22-sources-jar/lombok/core/configuration/ConfigurationFile.java
- * /lombok-1-18-22-sources-jar/lombok/experimental/WithBy.java

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* /lombok-1-18-22-sources-jar/lombok/extern/flogger/Flogger.java

* /lombok-1-18-22-sources-jar/lombok/core/AlreadyHandledAnnotations.java

* /lombok-1-18-22-sources-jar/lombok/javac/apt/Javac9JavaFileObjectWrapper.java

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* /lombok-1-18-22-sources-jar/lombok/javac/ResolutionResetNeeded.java

* /lombok-1-18-22-sources-jar/lombok/javac/handlers/JavacResolver.java

* /lombok-1-18-22-sources-jar/lombok/eclipse/agent/ExtensionMethodCompletionProposal.java

* /lombok-1-18-22-sources-jar/lombok/eclipse/agent/PatchExtensionMethodCompletionProposalPortal.java

* /lombok-1-18-22-sources-jar/lombok/experimental/NonFinal.java

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- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/singualars/EclipseGuavaSetListSingularizer.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/singualars/EclipseGuavaMapSingularizer.java
- * /lombok-1-18-22-sources-jar/lombok/javac/handlers/singualars/JavacJavaUtilSetSingularizer.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleHelper.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/singualars/EclipseJavaUtilMapSingularizer.java
- * /lombok-1-18-22-sources-jar/lombok/javac/handlers/JavacSingualarsRecipes.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/HandleUtilityClass.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/singualars/EclipseJavaUtilSetSingularizer.java
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- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/singualars/EclipseJavaUtilListSetSingularizer.java
- * /lombok-1-18-22-sources-jar/lombok/eclipse/handlers/singualars/EclipseGuavaTableSingularizer.java
- * /lombok-1-18-22-sources-jar/lombok/javac/handlers/singualars/JavacJavaUtilMapSingularizer.java
- * /lombok-1-18-22-sources-jar/lombok/javac/handlers/singualars/JavacGuavaMapSingularizer.java
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- * /lombok-1-18-22-sources-jar/lombok/javac/handlers/singualars/JavacGuavaTableSingularizer.java
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*/lombok-1-18-22-sources-jar/lombok/experimental/Accessors.java
*/lombok-1-18-22-sources-jar/lombok/Value.java
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* /lombok-1-18-22-sources-jar/lombok/core/PostCompilerTransformation.java
* /lombok-1-18-22-sources-jar/lombok/javac/FindTypeVarScanner.java

1.72 micronaut-http-netty 4.3.7

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* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/AbstractCompositeCustomizer.java

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- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/DefaultEventLoopGroupConfiguration.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/cookies/NettyCookies.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/DelegateHttpResponse.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/converters/KQueueChannelOptionFactory.java
- *
- /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/EpollEventLoopGroupFactory.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/reactive/HotObservable.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/DelegateStreamedHttpRequest.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/converters/ChannelOptionFactory.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/EpollAvailabilityCondition.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/configuration/NettyGlobalConfiguration.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/DefaultEventLoopGroupFactory.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/IOuringEventLoopGroupFactory.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/EventLoopGroupRegistry.java
- *
- /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/websocket/WebSocketSessionRepository.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/cookies/NettyCookie.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/NioEventLoopGroupFactory.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/KQueueAvailabilityCondition.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/AbstractNettyHttpRequest.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/package-info.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/package-info.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/DelegateHttpMessage.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/websocket/NettyWebSocketSession.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/websocket/package-info.java
- *
- /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/NettyHttpHeaders.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/StreamedHttpRequest.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/JsonSubscriber.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/DefaultStreamedHttpRequest.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/DefaultEventLoopGroupRegistry.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/NettyHttpRequestBuilder.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/content/package-info.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/DefaultStreamedHttpResponse.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/NettyHttpResponseBuilder.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/cookies/NettyCookieFactory.java
- *
- /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/NettyThreadFactory.java
- * /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/StreamedHttpMessage.java

```

* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/NettyHttpParameters.java
* /micronaut-http-netty-4-3-7-sources-
jar/io/micronaut/http/netty/websocket/NettyServerWebSocketBroadcaster.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/EventLoopGroupFactory.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/DelegateStreamedHttpResponse.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/reactive/HandlerSubscriber.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/ChannelPipelineCustomizer.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/NettyMutableHttpResponse.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/StreamedHttpResponse.java
*
/micronaut-http-netty-4-3-7-sources-
jar/io/micronaut/http/netty/channel/converters/DefaultChannelOptionFactory.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/DefaultWebSocketHttpResponse.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/WebSocketHttpResponse.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/websocket/AbstractNettyWebSocketHandler.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/DelegateHttpRequest.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/EmptyHttpRequest.java
* /micronaut-http-netty-4-3-7-sources-
jar/io/micronaut/http/netty/channel/converters/EpollChannelOptionFactory.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/cookies/package-info.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/ChannelPipelineListener.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/KQueueEventLoopGroupFactory.java
*
/micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/websocket/WebSocketMessageEncoder.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/content/HttpContentUtil.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/EventLoopGroupConfiguration.java
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Found in path(s):

```

* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/NettyWriteContext.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/IOUringAvailabilityCondition.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/NettyTextPlainHandler.java

```

```
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/PublisherAsStream.java
*
/micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/JsonCounter.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/NettyBodyWriter.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/NettyWritableBodyWriter.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/PublisherAsBlocking.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/ByteBufRawMessageBodyHandler.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/NettyJsonHandler.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/NettyJsonStreamHandler.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/JsonChunkedProcessor.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/channel/NettyChannelType.java
* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/NettyTlsUtils.java
*
/micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/body/CustomizableNettyJsonHandler.java
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*/

Found in path(s):

* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/stream/package-info.java

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* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/cookies/NettyLaxServerCookieDecoder.java

* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/cookies/NettyLaxClientCookieEncoder.java

* /micronaut-http-netty-4-3-7-sources-jar/io/micronaut/http/netty/cookies/NettyServerCookieEncoder.java

1.73 jakarta-inject-api 2.0.1

1.73.1 Available under license :

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<https://github.com/eclipse-ee4j/injection-api>

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1.74 jsr305 3.0.2

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```
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 */
```

Found in path(s):

```
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/Immutable.java  
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/GuardedBy.java  
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/NotThreadSafe.java  
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/ThreadSafe.java
```

1.75 metrics-jetty 4.0.5

1.75.1 Available under license :

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1.76 httpcomponents-core 4.4.13

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1.77 jctools-core 4.0.1

1.77.1 Available under license :

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Bnd-LastModified: 1662622707903

Build-Jdk-Spec: 11

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Bundle-ManifestVersion: 2

Bundle-Name: Java Concurrency Tools Core Library

Bundle-SymbolicName: org.jctools.core
Bundle-Version: 4.0.1
Created-By: Apache Maven Bundle Plugin 5.1.6
Export-Package: org.jctools.maps;version="4.0.1",org.jctools.util;uses:="sun.misc";version="4.0.1",org.jctools.queues;version="4.0.1",org.jctools.queues.atomic;uses:="org.jctools.queues";version="4.0.1",org.jctools.queues.unpadded;uses:="org.jctools.queues";version="4.0.1",org.jctools.counters;version="4.0.1"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-6.2.0.202202251641

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1.78 opentelemetry-semconv 1.29.0-alpha

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1.79 jackson-databind 2.15.3

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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), and has been in development since 2007.

It is currently developed by a community of developers.

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Version 3.1, 31 March 2009

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```
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```

```
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```

```
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```

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1.81 alpine-baselayout 3.4.3-r2

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```
# Automatically generated by apkbuild-cpan, template 3
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
pkgname=perl-bsd-resource
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgver=1.2911
pkgrel=9
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgreal}-${pkgver}"
```

```
build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL INSTALLDIRS=vendor
    make
}
```

```
check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}
```

```
package() {
    make DESTDIR="$pkgdir" install
}
```

```

find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
  BSD-Resource-1.2911.tar.gz
"

# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license-expression
pkgver=30.2.0
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/_pkgname/_pkgname-$pkgver.tar.gz"
builddir="$srcdir/_pkgname-$pkgver"

build() {
  gpep517 build-wheel \
    --wheel-dir .dist \
    --output-fd 3 3>&1 >&2
}

check() {
  python3 -m venv --clear --without-pip --system-site-packages .testenv
  .testenv/bin/python3 -m installer .dist/*.whl
  .testenv/bin/python3 -m pytest
}

package() {
  python3 -m installer -d "$pkgdir" \
    .dist/*.whl
}

sha512sums="
7be7ebab1d980063ab846a228c5247570d0e23ed52f4362ef7d88eb7a59274e6f74653b4e9cff8225597693087d750c5
bf7fcf604440d8d3d2976ebcd7442c24
  license-expression-30.2.0.tar.gz
"

```

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The Kohonen neural network code for color optimization was written by Anthony Dekker.

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:
"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>
Maintainer: Jakub Panek <me@panekj.dev>
pkgname=cargo-license
pkgver=0.5.1
pkgrel=4
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all !s390x !riscv64" # rust
license="MIT"
makedepends="cargo cargo-auditable"
source="\$pkgname-\$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/\$pkgver/download"

```
prepare() {  
    default_prepare  
  
    cargo fetch --target="$CTARGET" --locked  
}
```

```
build() {
```

```

cargo auditable build --release --frozen
}

check() {
    cargo test --frozen
}

package() {
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
4d8d430df91c6aac53d2305d3125eae492324e85c4db29d33d452b3848f33a55088e71247c6c72c6a62f4e924a374a
115bf14b4f398e7950b9eb52415f2244 cargo-license-0.5.1.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
    # some GNU autoconf options are ignored, but it works
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr \
        --sysconfdir=/etc \
        --mandir=/usr/share/man \
        --localstatedir=/var/lib # it really shouldn't be in /var
    make
}

package() {
    make DESTDIR="$pkgdir" install
    install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="

```

```

aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
"
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.22
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdft rdfturtle rdfxml template text"

for type in $_types; do
  subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
  mkdir -p "$pkgdir"
}

_subpkg() {
  local type=${subpkgname/$pkgname-/}
  pkgdesc="$pkgdesc ($type)"
  install_if="$pkgname"
  mkdir -p "$subpkgdir"/usr/share/spdx
  cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
  pkgdesc="$pkgdesc (licence list)"
  mkdir -p "$subpkgdir"/usr/share/spdx
  local i; for i in "$builddir"/text/*.txt; do
    local license=${i##*/}
    echo
    ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
  done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db

```

7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz

"

Vintage Dreams Waves v 2.0. for Creative Labs' AWE Soundcards
(EMU Soundfont 2 Format)

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vintagedreamworks@hotmail.com

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Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>

pkgname=py3-flake8-copyright

```

_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=1
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility

build() {
    python3 setup.py build
}

package() {
    python3 setup.py install --skip-build --root="$pkgdir"
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d flake8-copyright-0.2.4.tar.gz
"

mini_sendmail - accept email on behalf of real sendmail

```

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-lgpl

pkgver=2.3.21

pkgrel=8

pkgdesc="A library for high-performance 2D graphics"

url="https://www.levien.com/libart/"

arch="all"

options="!check" # No test suite.

license="LGPL-2.0-or-later"

subpackages="\$pkgname-dev"

source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-\$pkgver.tar.bz2"

"

builddir="\$srcdir"/libart-lgpl-\$pkgver

```
prepare() {  
    update_config_sub  
    default_prepare  
}
```

```
build() {  
    ./configure \  
    --build=$CBUILD \  
    --host=$CHOST \  
    --prefix=/usr  
    make  
}
```

```
package() {  
    make DESTDIR="$pkgdir" install  
}
```

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001aee9bace727b5b4c8589405256a3c020 libart-lgpl-2.3.21.tar.bz2"

1.82 slf4j 1.7.26

1.82.1 Available under license :

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```



```

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
  <title>SLF4J License</title>
  <link rel="stylesheet" type="text/css" media="screen" href="css/site.css" />
</head>
<body>
  <script type="text/javascript">prefix=";</script>

  <script src="templates/header.js" type="text/javascript"></script>
  <div id="left">
    <script src="templates/left.js" type="text/javascript"></script>
  </div>
  <div id="right">
    <script src="templates/right.js" type="text/javascript"></script>
  </div>

  <div id="content">

```

```

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```

```

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1.83 hibernate-validator 6.2.4.Final

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1.84 apache-commons-text 1.10.0

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1.85 kafka-streams-avro-serde 7.5.1

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 */
```

Found in path(s):

```
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/SpecificAvroSerde.java
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/ConfigurationUtils.java
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/GenericAvroSerializer.java
*
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/GenericAvroDeserializer.java
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/SpecificAvroSerializer.java
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/ReflectionAvroSerializer.java
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/GenericAvroSerde.java
* /kafka-streams-avro-serde-7-5-1-sources-
jar/io/confluent/kafka/streams/serdes/avro/ReflectionAvroDeserializer.java
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/ReflectionAvroSerde.java
* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/SpecificAvroDeserializer.java
```

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```
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```

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```

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* /kafka-streams-avro-serde-7-5-1-sources-jar/io/confluent/kafka/streams/serdes/avro/PrimitiveAvroSerde.java

1.86 javax-inject 1

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1.87 ca-certificates 20240226-r0

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```
#!/usr/bin/env perl
# *****
# *
# *      _ _ _ _ _
# * Project  _||| _\||
# *          / _||| _||
# *          |(_||| _<|_
# *          \_|||_| \_||
# *
# *
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# *
# * *****
# * This Perl script creates a fresh ca-bundle.crt file for use with libcurl.
# * It downloads certdata.txt from Mozilla's source tree (see URL below),
# * then parses certdata.txt and extracts CA Root Certificates into PEM format.
# * These are then processed with the OpenSSL commandline tool to produce the
# * final ca-bundle.crt file.
# * The script is based on the parse-certs script written by Roland Krikava.
# * This Perl script works on almost any platform since its only external
# * dependency is the OpenSSL commandline tool for optional text listing.
# * Hacked by Guenter Knauf.
#
```

```

use Encode;
use Getopt::Std;
use MIME::Base64;
use strict;
use warnings;
use vars qw($opt_b $opt_d $opt_f $opt_h $opt_i $opt_k $opt_l $opt_m $opt_n $opt_p $opt_q $opt_s $opt_t $opt_u
$opt_v $opt_w);
use List::Util;
use Text::Wrap;
use Time::Local;
my $MOD_SHA = "Digest::SHA";
eval "require
$MOD_SHA";
if ($@) {
$MOD_SHA = "Digest::SHA::PurePerl";
eval "require $MOD_SHA";
}
eval "require LWP::UserAgent";

my %urls = (
'nss' =>
'https://hg.mozilla.org/projects/nss/raw-file/default/lib/ckfw/builtins/certdata.txt',
'central' =>
'https://hg.mozilla.org/mozilla-central/raw-file/default/security/nss/lib/ckfw/builtins/certdata.txt',
'beta' =>
'https://hg.mozilla.org/releases/mozilla-beta/raw-file/default/security/nss/lib/ckfw/builtins/certdata.txt',
'release' =>
'https://hg.mozilla.org/releases/mozilla-release/raw-file/default/security/nss/lib/ckfw/builtins/certdata.txt',
);

$opt_d = 'release';

# If the OpenSSL commandline is not in search path you can configure it here!
my $openssl = 'openssl';

my $version = '1.27';

$opt_w = 76; # default base64 encoded lines length

# default cert types to include in the output (default is to include CAs which may issue SSL server certs)
my $default_mozilla_trust_purposes = "SERVER_AUTH";
my $default_mozilla_trust_levels
= "TRUSTED_DELEGATOR";
$opt_p = $default_mozilla_trust_purposes . ":" . $default_mozilla_trust_levels;

my @valid_mozilla_trust_purposes = (
"DIGITAL_SIGNATURE",
"NON_REPUDIATION",

```

```

"KEY_ENCIPHERMENT",
"DATA_ENCIPHERMENT",
"KEY_AGREEMENT",
"KEY_CERT_SIGN",
"CRL_SIGN",
"SERVER_AUTH",
"CLIENT_AUTH",
"CODE_SIGNING",
"EMAIL_PROTECTION",
"IPSEC_END_SYSTEM",
"IPSEC_TUNNEL",
"IPSEC_USER",
"TIME_STAMPING",
"STEP_UP_APPROVED"
);

my @valid_mozilla_trust_levels = (
    "TRUSTED_DELEGATOR", # CAs
    "NOT_TRUSTED",      # Don't trust these certs.
    "MUST_VERIFY_TRUST", # This explicitly tells us that it ISN'T a CA but is otherwise ok. In other words, this
                        # should tell the app to ignore any other sources that claim this is a CA.
    "TRUSTED"           # This cert is trusted, but only for itself and not for delegates (i.e. it is not a CA).
);

my $default_signature_algorithms = $opt_s = "MD5";

my @valid_signature_algorithms = (
    "MD5",
    "SHA1",
    "SHA256",
    "SHA384",
    "SHA512"
);

$0 =~ s@.*(//\s)@@;
$Getopt::Std::STANDARD_HELP_VERSION = 1;
getopts('bd:fhiklmnp:qs:tuvw:');

if(!defined($opt_d)) {
    # to make plain "-d" use not cause warnings, and actually still work
    $opt_d = 'release';
}

# Use predefined URL or else custom URL specified on command line.
my $url;
if(defined($urls{$opt_d})) {
    $url = $urls{$opt_d};
    if(!$opt_k && $url !~ /^https:\V/i) {

```

```

    die "The URL for '$opt_d' is not HTTPS. Use -k to override (insecure).\n";
}
}
else {
    $url = $opt_d;
}

my $curl = `curl -V`;

if ($opt_i) {
    print ("=" x 78 . "\n");
    print "Script Version      : $version\n";
    print "Perl Version          : $]\n";
    print "Operating System Name    : $^O\n";
    print "Getopt::Std.pm Version     : ${Getopt::Std::VERSION}\n";
    print "Encode::Encoding.pm Version : ${Encode::Encoding::VERSION}\n";
    print "MIME::Base64.pm Version    : ${MIME::Base64::VERSION}\n";
    print "LWP::UserAgent.pm
Version      : ${LWP::UserAgent::VERSION}\n" if ($LWP::UserAgent::VERSION);
    print "LWP.pm Version      : ${LWP::VERSION}\n" if ($LWP::VERSION);
    print "Digest::SHA.pm Version : ${Digest::SHA::VERSION}\n" if ($Digest::SHA::VERSION);
    print "Digest::SHA::PurePerl.pm Version : ${Digest::SHA::PurePerl::VERSION}\n" if
($Digest::SHA::PurePerl::VERSION);
    print ("=" x 78 . "\n");
}

sub warning_message() {
    if ( $opt_d =~ m/^risk$/i ) { # Long Form Warning and Exit
        print "Warning: Use of this script may pose some risk:\n";
        print "\n";
        print " 1) If you use HTTP URLs they are subject to a man in the middle attack\n";
        print " 2) Default to 'release', but more recent updates may be found in other trees\n";
        print " 3) certdata.txt file format may change, lag time to update this script\n";
        print " 4) Generally unwise to blindly trust CAs without manual review & verification\n";
        print " 5) Mozilla apps use additional security
checks aren't represented in certdata\n";
        print " 6) Use of this script will make a security engineer grind his teeth and\n";
        print "    swear at you.  ;)\n";
        exit;
    } else { # Short Form Warning
        print "Warning: Use of this script may pose some risk, -d risk for more details.\n";
    }
}

sub HELP_MESSAGE() {
    print "Usage: t${0} [-b] [-d<certdata>] [-f] [-i] [-k] [-l] [-n] [-p<purposes:levels>] [-q] [-s<algorithms>] [-t] [-u] [-
v] [-w<l>] [<outputfile>]\n";
    print "\t-b\tbackup an existing version of ca-bundle.crt\n";
}

```

```

print "\t-d\t specify Mozilla tree to pull certdata.txt or custom URL\n";
print "\t\t Valid names are:\n";
print "\t\t ", join( " ", map { ( $_ =~ m/$opt_d/ ) ? "$_ (default)" : "$_" } sort keys %urls ), "\n";
print "\t-f\t force rebuild even if certdata.txt is current\n";
print "\t-i\t print version info about used modules\n";
print "\t-k\t allow URLs other than HTTPS, enable HTTP fallback (insecure)\n";
print "\t-l\t print license info
about certdata.txt\n";
print "\t-m\t include meta data in output\n";
print "\t-n\t no download of certdata.txt (to use existing)\n";
print wrap("\t\t", "\t\t", "-p\t list of Mozilla trust purposes and levels for certificates to include in output. Takes the
form of a comma separated list of purposes, a colon, and a comma separated list of levels. (default:
$default_mozilla_trust_purposes:$default_mozilla_trust_levels)", "\n");
print "\t\t Valid purposes are:\n";
print wrap("\t\t\t", "\t\t\t", join( " ", "ALL", @valid_mozilla_trust_purposes ) ), "\n";
print "\t\t Valid levels are:\n";
print wrap("\t\t\t", "\t\t\t", join( " ", "ALL", @valid_mozilla_trust_levels ) ), "\n";
print "\t-q\t be really quiet (no progress output at all)\n";
print wrap("\t\t", "\t\t", "-s\t comma separated list of certificate signatures/hashes to output in plain text mode. (default:
$default_signature_algorithms)\n");
print "\t\t Valid signature algorithms are:\n";
print wrap("\t\t\t", "\t\t\t",
    join( " ", "ALL", @valid_signature_algorithms ) ), "\n";
print "\t-t\t include plain text listing of certificates\n";
print "\t-u\t unlink (remove) certdata.txt after processing\n";
print "\t-v\t be verbose and print out processed CAs\n";
print "\t-w <l>\t wrap base64 output lines after <l> chars (default: ${opt_w})\n";
exit;
}

sub VERSION_MESSAGE() {
    print "${0} version ${version} running Perl ${[]} on ${^O}\n";
}

warning_message() unless ($opt_q || $url =~ m/^(ht|f)tps:/i );
HELP_MESSAGE() if ($opt_h);

sub report($@) {
    my $output = shift;

    print STDERR $output . "\n" unless $opt_q;
}

sub is_in_list($@) {
    my $target = shift;

    return defined(List::Util::first { $target eq $_ } @_);
}

```

```

# Parses $param_string as a case insensitive comma separated list with optional whitespace
# validates that only allowed parameters are supplied
sub parse_csv_param($$@) {
    my $description = shift;
    my $param_string = shift;
    my @valid_values = @_;

    my @values = map {
        s/^\s+//; # strip leading spaces
        s/\s+$//; # strip trailing spaces
        uc $_     # return the modified string as upper case
    } split( ',', $param_string );

    # Find all values which are not in the list of valid values or "ALL"
    my @invalid = grep { !is_in_list($_,"ALL",@valid_values) } @values;

    if ( scalar(@invalid) > 0 ) {
        # Tell the user which parameters were invalid and print the standard help message which will exit
        print "Error: Invalid ", $description, scalar(@invalid) == 1 ? " : " : "s: ", join( ", ", map { "\"$_\"" } @invalid ),
        "\n";
        HELP_MESSAGE();
    }

    @values = @valid_values if ( is_in_list("ALL",@values) );

    return @values;
}

sub sha256 {
    my $result;
    if ($Digest::SHA::VERSION || $Digest::SHA::PurePerl::VERSION) {
        open(FILE, $_[0]) or die "Can't open '$_[0]': $!";
        binmode(FILE);
        $result = $MOD_SHA->new(256)->addfile(*FILE)->hexdigest;
        close(FILE);
    } else {
        # Use OpenSSL command if Perl Digest::SHA modules not available
        $result = `"$openssl" dgst -r -sha256 "$_[0]"`;
        $result =~ s/^\s*([0-9a-f]{64})\s*/$1/is;
    }
    return $result;
}

sub oldhash {
    my $hash = "";
    open(C, "<$_[0]") || return 0;

```

```

while(<C>) {
    chomp;
    if($_ =~ /\#\# SHA256: (.*)/) {
        $hash = $1;
        last;
    }
}
close(C);
return $hash;
}

if ( $opt_p !~ m:/ ) {
    print "Error: Mozilla trust identifier list must include both purposes and levels\n";
    HELP_MESSAGE();
}

(my $included_mozilla_trust_purposes_string, my $included_mozilla_trust_levels_string) = split( ':', $opt_p );
my @included_mozilla_trust_purposes = parse_csv_param( "trust purpose",
$included_mozilla_trust_purposes_string, @valid_mozilla_trust_purposes );
my @included_mozilla_trust_levels = parse_csv_param( "trust level", $included_mozilla_trust_levels_string,
@valid_mozilla_trust_levels );

my @included_signature_algorithms = parse_csv_param( "signature algorithm", $opt_s,
@valid_signature_algorithms );

sub should_output_cert(%) {
    my
    %trust_purposes_by_level = @_;

    foreach my $level (@included_mozilla_trust_levels) {
        # for each level we want to output, see if any of our desired purposes are included
        return 1 if ( defined( List::Util::first { is_in_list( $_, @included_mozilla_trust_purposes ) }
@{$trust_purposes_by_level{$level}} ) );
    }

    return 0;
}

my $crt = $ARGV[0] || 'ca-bundle.crt';
(my $txt = $url) =~ s@(.*/|?.*)@@g;

my $stdout = $crt eq '-';
my $resp;
my $fetched;

my $oldhash = oldhash($crt);

report "SHA256 of old file: $oldhash";

```



```

if(!$opt_n) {
    report "Downloading $txt ...";

    # If we have an HTTPS URL then use curl
    if($url =~ /^https:\:\/\/i) {
        if($curl) {
            if($curl =~ /^Protocols:.* https( |$)/m) {
                report "Get certdata with curl!";
                my $proto = !$opt_k ? "--proto =https" : "";
                my $quiet = $opt_q ? "-s" : "";
                my @out = `curl -w %{response_code} $proto $quiet -o "$txt" "$url"`;
                if(!$? && @out && $out[0] == 200) {
                    $fetched = 1;
                    report "Downloaded $txt";
                }
            }
            else {
                report "Failed downloading via HTTPS with curl!";
                if(-e $txt && !unlink($txt)) {
                    report "Failed to remove '$txt': $!";
                }
            }
        }
        else {
            report "curl lacks https support";
        }
    }
    else {
        report "curl not found";
    }
}

# If nothing was fetched then use LWP
if(!$fetched) {
    if($url =~ /^https:\:\/\/i) {
        report "Falling back to HTTP";
        $url =~ s/^https:\:\/\/http:\:\/\/i;
    }
    if(!$opt_k) {
        report "URLs other than HTTPS are disabled by default, to enable use -k";
        exit 1;
    }
    report "Get certdata with LWP!";
    if(!defined($LWP::UserAgent::VERSION)) {
        report "LWP is not available (LWP::UserAgent not found)";
        exit 1;
    }
    my $ua = new LWP::UserAgent(agent => "$0/$version");

```

```

$ua->env_proxy();
$resp = $ua->mirror($url, $txt);
if($resp && $resp->code eq '304') {
    report "Not modified";
    exit 0 if -e $crt && !$opt_f;
}
else {
    $fetched = 1;
    report "Downloaded $txt";
}
if(!$resp || $resp->code !~ /^(?:200|304)$/) {
    report "Unable to download latest data: "
        . ($resp? $resp->code . ' - ' . $resp->message : "LWP failed");
    exit 1 if -e $crt || !-r $txt;
}
}
}

my $filedate = $resp ? $resp->last_modified : (stat($txt))[9];
my $datesrc = "as of";
if(!$filedate) {
    # mxr.mozilla.org gave us a time, hg.mozilla.org does not!
    $filedate = time();
    $datesrc="downloaded on";
}

# get the hash from the download file
my $newhash= sha256($txt);

if(!$opt_f && $oldhash eq $newhash) {
    report "Downloaded file identical to previous run's source file. Exiting";
    if($opt_u && -e $txt && !unlink($txt)) {
        report "Failed to remove $txt: $!\n";
    }
    exit;
}

report "SHA256 of new file: $newhash";

my $currentdate = scalar gmtime($filedate);

my $format = $opt_t ? "plain text and " : "";
if( $stdout
) {
    open(CRT, '> -') or die "Couldn't open STDOUT: $!\n";
} else {
    open(CRT,">$crt.~") or die "Couldn't open $crt.~: $!\n";
}

```

```

print CRT <<EOT;
##
## Bundle of CA Root Certificates
##
## Certificate data from Mozilla ${datesrc}: ${currentdate} GMT
##
## 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:
## ${url}
##
## It contains the certificates in ${format}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.
##
## Conversion done with mk-ca-bundle.pl version $version.
## SHA256: $newhash
##

EOT

report "Processing '$txt' ...";
my $scaname;
my $certnum = 0;
my $skipnum = 0;
my $start_of_cert = 0;
my @precert;
my $cka_value;
my $valid = 1;

open(TXT,"$txt")
or die "Couldn't open $txt: $!\n";
while (<TXT>) {
if (/^*\*\*\*\* BEGIN LICENSE BLOCK \*\*\*\*\*/) {
    print CRT;
    print if ($opt_l);
    while (<TXT>) {
        print CRT;
        print if ($opt_l);
        last if (/^*\*\*\*\* END LICENSE BLOCK \*\*\*\*\*/);
    }
}
}
elsif(/^# (Issuer|Serial Number|Subject|Not Valid Before|Not Valid After |Fingerprint \(\MD5\)|Fingerprint
\(\SHA1\)):/) {
    push @precert, $_;
    $valid = 1;
    next;
}

```

```

}
elseif(/^#|^s*$/) {
    undef @precert;
    next;
}
chomp;

# Example:
# CKA_NSS_SERVER_DISTRUST_AFTER MULTILINE_OCTAL
# \062\060\060\066\061\067\060\060\060\060\060\060\132
# END

if (/^CKA_NSS_SERVER_DISTRUST_AFTER (CK_BBOOL CK_FALSE|MULTILINE_OCTAL)/) {
    if($1 eq "MULTILINE_OCTAL") {
        my @timestamp;
        while (<TXT>) {
            last if (/^END/);
            chomp;
            my @octets = split(/\v/);
            shift @octets;
            for (@octets) {
                push
@timestamp, chr(oct);
            }
        }
        # A trailing Z in the timestamp signifies UTC
        if($timestamp[12] ne "Z") {
            report "distrust date stamp is not using UTC";
        }
        # Example date: 200617000000Z
        # Means 2020-06-17 00:00:00 UTC
        my $distrustat =
            timegm($timestamp[10] . $timestamp[11], # second
                $timestamp[8] . $timestamp[9], # minute
                $timestamp[6] . $timestamp[7], # hour
                $timestamp[4] . $timestamp[5], # day
                ($timestamp[2] . $timestamp[3]) - 1, # month
                "20" . $timestamp[0] . $timestamp[1]); # year
        if(time >= $distrustat) {
            # not trusted anymore
            $skipnum++;
            report "Skipping: $scaname is not trusted anymore" if ($opt_v);
            $valid = 0;
        }
        else {
            # still trusted
        }
    }
}

```

```

    next;
}

# this
is a match for the start of a certificate
if (/^CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE/) {
    $start_of_cert = 1
}
if ($start_of_cert && /^CKA_LABEL UTF8 \"(.*)\"/) {
    $scaname = $1;
}
my %trust_purposes_by_level;
if ($start_of_cert && /^CKA_VALUE MULTILINE_OCTAL/) {
    $ska_value="";
    while (<TXT>) {
        last if (/^END/);
        chomp;
        my @octets = split(/\n/);
        shift @octets;
        for (@octets) {
            $ska_value .= chr(oct);
        }
    }
}
if(/^CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST/ && $valid) {
    # now scan the trust part to determine how we should trust this cert
    while (<TXT>) {
        last if (/^#/);
        if (/^CKA_TRUST_([A-Z_]+\s+CK_TRUST\s+CKT_NSS_([A-Z_]+\s*$)/) {
            if ( !is_in_list($1,@valid_mozilla_trust_purposes) ) {
                report "Warning: Unrecognized trust purpose for cert: $scaname. Trust purpose: $1. Trust Level: $2";
            } elsif ( !is_in_list($2,@valid_mozilla_trust_levels) ) {
                report "Warning:
Unrecognized trust level for cert: $scaname. Trust purpose: $1. Trust Level: $2";
            } else {
                push @{$trust_purposes_by_level{$2}}, $1;
            }
        }
    }

    if ( !should_output_cert(%trust_purposes_by_level) ) {
        $skipnum ++;
        report "Skipping: $scaname" if ($opt_v);
    } else {
        my $data = $ska_value;
        $ska_value = "";
        my $encoded = MIME::Base64::encode_base64($data, "");
        $encoded =~ s/(.{1,$opt_w})/$1\n/g;
    }
}

```

```

my $pem = "-----BEGIN CERTIFICATE-----\n"
    . $encoded
    . "-----END CERTIFICATE-----\n";
print CRT "\n$aname\n";
print CRT @precert if($opt_m);
my $maxLength = length(decode('UTF-8', $aname, Encode::FB_CROAK | Encode::LEAVE_SRC));
if ($opt_t) {
    foreach my $key (keys %trust_purposes_by_level) {
        my $string = $key . ": " . join(" ", @{$trust_purposes_by_level{$key}});
        $maxLength = List::Util::max( length($string), $maxLength
    );
    print CRT $string . "\n";
}
print CRT ("=" x $maxLength . "\n");
if (!$opt_t) {
    print CRT $pem;
} else {
    my $pipe = "";
    foreach my $hash (@included_signature_algorithms) {
        $pipe = "|$openssl x509 -" . $hash . " -fingerprint -noout -inform PEM";
        if (!$stdout) {
            $pipe .= " >> $crt.~";
            close(CRT) or die "Couldn't close $crt.~: $!";
        }
        open(TMP, $pipe) or die "Couldn't open openssl pipe: $!";
        print TMP $pem;
        close(TMP) or die "Couldn't close openssl pipe: $!";
        if (!$stdout) {
            open(CRT, ">>$crt.~") or die "Couldn't open $crt.~: $!";
        }
    }
    $pipe = "|$openssl x509 -text -inform PEM";
    if (!$stdout) {
        $pipe .= " >> $crt.~";
        close(CRT) or die "Couldn't close $crt.~: $!";
    }
    open(TMP, $pipe) or die "Couldn't open openssl pipe: $!";
    print TMP
    $pem;
    close(TMP) or die "Couldn't close openssl pipe: $!";
    if (!$stdout) {
        open(CRT, ">>$crt.~") or die "Couldn't open $crt.~: $!";
    }
}
report "Parsing: $aname" if ($opt_v);
$certnum ++;
$start_of_cert = 0;

```

```

    }
    undef @precert;
}

}
close(TXT) or die "Couldn't close $txt: $!\n";
close(CRT) or die "Couldn't close $crt.~: $!\n";
unless( $stdout ) {
    if ($opt_b && -e $crt) {
        my $bk = 1;
        while (-e "$crt.~${bk}~") {
            $bk++;
        }
        rename $crt, "$crt.~${bk}~" or die "Failed to create backup $crt.~$bk}~: $!\n";
    } elsif( -e $crt ) {
        unlink( $crt ) or die "Failed to remove $crt: $!\n";
    }
    rename "$crt.~", $crt or die "Failed to rename $crt.~ to $crt: $!\n";
}
if($opt_u && -e $txt && !unlink($txt)) {
    report "Failed to remove $txt: $!\n";
}
}
report "Done ($certnum CA certs processed, $skipnum skipped).";

```

Found in path(s):

* /ca-certificates-20230506-tar-bz2/ca-certificates-20230506/mk-ca-bundle.pl

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

```

/* c_rehash.c - Create hash symlinks for certificates
* C implementation based on the original Perl and shell versions
*
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*/

```

Found in path(s):

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1.88 commons-collections 3.2.2

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

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

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

* javax.servlet:javax.servlet-api

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

Oracle OpenJDK

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- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

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

Apache

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

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.92 joda-time 2.9.7

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1.93 ion-java 1.5.1

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Found in path(s):

* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderTextUserX.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonDatagram.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/TextSpan.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonIteratorImpl.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/ByteBuffer.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/facet/UnsupportedFacetException.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/AbstractIonWriter.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonDatagramLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonListLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/AppendableFastAppendable.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonSequenceLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderTextRawX.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonTimestamp.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_LocalSymbolTableFactory.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/ContainerlessContext.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/LocalSymbolTable.java

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* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonCharacterReader.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/IonValue.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonException.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/_Private_IonManagedBinaryWriterBuilder.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonMutableCatalog.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonTokenReader.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonSymbol.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/_Private_IonRawWriter.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/ByteWriter.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonCatalog.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonContainer.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/Decimal.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/SubstituteSymbolTableException.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/SpanProvider.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonUTF8.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonContainerLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonNullLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/util/IonStreamUtils.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/TopLevelContext.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/system/IonWriterBuilder.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonIntLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonValueLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonSystem.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonWriterSystemText.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/BlockAllocatorProviders.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/util/IonValueUtils.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/LocalSymbolTableImports.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/UnifiedDataPageX.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/IonWriter.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonWriterSystemTextMarkup.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/util/Printer.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonWriterFactory.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/apps/BaseApp.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/Span.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/DowncastingFaceted.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/RawValueSpanProvider.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/facet/Facets.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/InvalidSystemSymbolException.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/ReadOnlyValueException.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonLoader.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/Symbols.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/apps/SymtabApp.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonMessages.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/package-info.java

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- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonSexp.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/apps/EncodeApp.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/IonRawBinaryWriter.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/BlockedBuffer.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/Timestamp.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/util/package-info.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonStruct.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonBinaryWriterBuilder.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonBinaryWriterImpl.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/SeekableReader.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonSequence.java
- *
- /ion-java-1-5-1-sources-jar/software/amazon/ion/SystemSymbols.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/system/IonSystemBuilder.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonBlob.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonTimestampLite.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_FastAppendableDecorator.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_SymtabExtendsCache.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonWriterUserBinary.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonSystem.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonWriter.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_ReaderWriter.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_ValueFactory.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonReaderFactory.java
- *
- /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/_PrivateIon_HashTrampoline.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/system/IonTextWriterBuilder.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonFloat.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/util/_Private_FastAppendable.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonList.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/WriteBuffer.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/facet/package-info.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_MarkupCallback.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/_Private_IonManagedWriter.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/SymbolTokenImpl.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_FastAppendableTrampoline.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/system/SystemFactory.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/_Private_LiteDomTrampoline.java
- *
- /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderTextRawTokensX.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/UnifiedInputStreamX.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonClobLite.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonBoolLite.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonType.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonWriterSystem.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/SymbolToken.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/UnknownSymbolException.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/apps/PrintApp.java

- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/SubstituteSymbolTable.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonTextAppender.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/system/package-info.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonTextReader.java
- *
- /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/ReverseBinaryEncoder.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderTextSystemX.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonLoaderLite.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonDatagram.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_Utils.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/util/Spans.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/Base64Encoder.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonSymbolLite.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/UnsupportedIonVersionException.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonBinaryWriter.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/UnifiedInputBufferX.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_CurriedValueFactory.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_CallbackBuilder.java
- *
- /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/Block.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/IonBool.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/BlockAllocator.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonBlobLite.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonStructLite.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/facet/Faceted.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderTreeSystem.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/package-info.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/SimpleByteBuffer.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/util/JarInfo.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/IonBinaryWriterAdapter.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonWriterUser.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/ValueFactoryLite.java
- *
- /ion-java-1-5-1-sources-jar/software/amazon/ion/IonText.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_SymbolToken.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderBinaryRawX.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/SymbolTable.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/UnexpectedEofException.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/AbstractSymbolTable.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderTreeUserX.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_ListWriter.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/BlockAllocatorProvider.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/NullValueException.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/SharedSymbolTable.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_CommandLine.java
- * /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonConstants.java
- *


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/ion-java-1-5-1-sources-jar/software/amazon/ion/impl/ByteReader.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonInt.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IntegerSize.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/system/IonReaderBuilder.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonWriterBase.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/system/IonWriterBuilderBase.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderBinarySystemX.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/IonManagedBinaryWriter.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonClob.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonNumber.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/UnifiedSavePointManagerX.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonSexpLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonSystemLite.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonSymbol.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonFloatLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/ContainedValueException.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonTextLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonTextBufferedStream.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonString.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/system/SimpleCatalog.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/util/AbstractValueVisitor.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/SymbolTableReader.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/ValueVisitor.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonTextWriterBuilder.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonDecimal.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/util/Equivalence.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonValue.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonReaderBinaryUserX.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_ScalarConversions.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonWriterSystemBinary.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_ByteTransferReader.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonContext.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/util/GzipOrRawInputStream.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/ValueFactory.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/OffsetSpan.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonDecimalLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/system/IonBinaryWriterBuilder.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonLob.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_IonContainer.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/impl/_Private_ByteTransferSink.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonReader.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonTokenConstsX.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/IonNull.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonBinary.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/bin/PooledBlockAllocatorProvider.java

```

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* /ion-java-1-5-1-sources-jar/software/amazon/ion/EmptySymbolException.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/SystemValueIterator.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/util/IonTextUtils.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/LocalSymbolTableAsStruct.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonLobLite.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/OutputStreamFastAppendable.java
* /ion-java-1-5-1-sources-jar/software/amazon/ion/impl/lite/IonStringLite.java
*
/ion-java-1-5-1-sources-jar/software/amazon/ion/impl/IonWriterSystemTree.java

```

1.94 jose4j 0.9.4

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Found in path(s):

```

* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/SimpleAeadCipher.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/AesCbcHmacSha2ContentEncryptionAlgorithm.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jws/RsaUsingShaAlgorithm.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwx/KeyValidationSupport.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/ContentEncryptionParts.java
*
/jose4j-0-9-4-sources-jar/org/jose4j/jwe/ContentEncryptionAlgorithmIdentifiers.java
* /jose4j-0-9-4-sources-jar/org/jose4j/keys/X509Util.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwk/OctJwkGenerator.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwt/IntDate.java
* /jose4j-0-9-4-sources-jar/org/jose4j/keys/resolvers/DecryptionKeyResolver.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/AudValidator.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/JwtContext.java
* /jose4j-0-9-4-sources-jar/org/jose4j/zip/CompressionAlgorithmIdentifiers.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jws/EcdsaUsingShaAlgorithm.java

```

- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/ExceptionHelp.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/json/JsonUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/kdf/PasswordBasedKeyDerivationFunction2.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/KeyPairUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/WrappingKeyManagementAlgorithm.java
- *
- /jose4j-0-9-4-sources-jar/org/jose4j/lang/ByteGenerator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jws/UnsecuredNoneAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwx/Headers.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jws/BaseSignatureAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/ReservedClaimNames.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/OctetSequenceJsonWebKey.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/DefaultByteGenerator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/BouncyCastleProviderHelp.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/KeyManagementAlgorithmIdentifiers.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/ContentEncryptionKeyDescriptor.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/SubValidator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/EcdhKeyAgreementAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/GeneralJwtException.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/JsonWebKeySet.java
- *
- /jose4j-0-9-4-sources-jar/org/jose4j/jws/JsonWebSignatureAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/zip/DeflateRFC1951CompressionAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/KeyPersuasion.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/PbkdfKey.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwa/AlgorithmFactoryFactory.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/IntegrityException.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/http/SimpleGet.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/Validator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/resolvers/HttpsJwksVerificationKeyResolver.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwx/CompactSerialization.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/mac/MacUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwx/HeaderParameterNames.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/CipherUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/JwtConsumer.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwa/AlgorithmInfo.java
- *
- /jose4j-0-9-4-sources-jar/org/jose4j/keys/HmacKey.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/JsonHelp.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jws/AlgorithmIdentifiers.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/RsaKeyUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/InvalidJwtException.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/RsaKeyManagementAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/UnresolvableKeyException.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/JwtConsumerBuilder.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/EllipticCurves.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/AesKeyWrapManagementAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/ErrorCodeValidatorAdapter.java

- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/KeyManagementAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jws/HmacUsingShaAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/PublicJsonWebKey.java
- *
- /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/ErrorCodeValidator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/base64url/Base64Url.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/zip/CompressionAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/VerificationJwkSelector.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/EcdhKeyAgreementWithAesKeyWrapAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/ByteUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/JwtClaims.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/RsaJwkGenerator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwa/AlgorithmAvailability.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwa/AlgorithmFactory.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/JsonWebKey.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/UncheckedJoseException.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/JoseException.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/EcKeyUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/NumericDate.java
- *
- /jose4j-0-9-4-sources-jar/org/jose4j/jwk/RsaJsonWebKey.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/CipherStrengthSupport.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/AesGcmContentEncryptionAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/AesKey.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/ContentEncryptionHelp.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/http/Get.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/EcJwkGenerator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwx/CompactSerializer.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/HashUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/Use.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwa/AlgorithmConstraints.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/JtiValidator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/ContentEncryptionKeys.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/JweCustomizer.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/StringUtil.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwa/Algorithm.java
- *
- /jose4j-0-9-4-sources-jar/org/jose4j/jwe/ContentEncryptionAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/JsonWebEncryption.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwe/Pbes2HmacShaWithAesKeyWrapAlgorithm.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/KeyOperations.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/IssValidator.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/base64url/SimplePEMEncoder.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/resolvers/X509VerificationKeyResolver.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/EllipticCurveJsonWebKey.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/keys/resolvers/JwksVerificationKeyResolver.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jca/ProviderContext.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/NumericDateValidator.java

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* /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/ErrorCodes.java
* /jose4j-0-9-4-sources-jar/org/jose4j/keys/resolvers/VerificationKeyResolver.java
*
/jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/JwsCustomizer.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwx/JsonWebStructure.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwt/consumer/SimpleKeyResolver.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/DirectKeyManagementAlgorithm.java
* /jose4j-0-9-4-sources-jar/org/jose4j/keys/resolvers/JwksDecryptionKeyResolver.java
* /jose4j-0-9-4-sources-jar/org/jose4j/keys/BigEndianBigInteger.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/InitializationVectorHelp.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jws/JsonWebSignature.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwt/MalformedClaimException.java
* /jose4j-0-9-4-sources-jar/org/jose4j/json/JsonHeaderUtil.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/AesGcmKeyEncryptionAlgorithm.java
* /jose4j-0-9-4-sources-jar/org/jose4j/lang/InvalidAlgorithmException.java
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* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/kdf/ConcatKeyDerivationFunctionFactory.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/kdf/ConcatKeyDerivationFunction.java
* /jose4j-0-9-4-sources-jar/org/jose4j/jwe/kdf/KdfUtil.java
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- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/SelectorSupport.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/DecryptionJwkSelector.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/lang/InvalidKeyException.java
- * /jose4j-0-9-4-sources-jar/org/jose4j/jwk/SimpleJwkFilter.java

1.95 disruptor 3.4.2

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- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/util/ThreadHints.java

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- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventReleaser.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventReleaseAware.java

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- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/Sequence.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/InsufficientCapacityException.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/Cursored.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/ProducerType.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceGroups.java

*

*/disruptor-3-4-2-sources-jar/com/lmax/disruptor/DataProvider.java

* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/FixedSequenceGroup.java

* /disruptor-3-4-2-sources-jar/com/lmax/disruptor/Sequencer.java

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Found in path(s):

- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/AggregateEventHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventFactory.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceReportingEventHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SleepingWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/ExceptionHandler.java
- *
- /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventProcessor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceBarrier.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/BusySpinWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslatorTwoArg.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/IgnoreExceptionHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/NoOpEventProcessor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/BatchEventProcessor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/ExceptionHandlerSetting.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/WorkerPool.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/util/DaemonThreadFactory.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/LiteBlockingWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/EventProcessorInfo.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/PhasedBackoffWaitStrategy.java
- *
- /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SingleProducerSequencer.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/AbstractSequencer.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/BlockingWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/ProcessingSequenceBarrier.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/WorkHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/RingBuffer.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslatorThreeArg.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/WaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/MultiProducerSequencer.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/LifecycleAware.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/EventHandlerGroup.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/AlertException.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceGroup.java
- *
- /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslatorVararg.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/YieldingWaitStrategy.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/ConsumerRepository.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventHandler.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/util/Util.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslator.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/EventTranslatorOneArg.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/WorkProcessor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/dsl/Disruptor.java
- * /disruptor-3-4-2-sources-jar/com/lmax/disruptor/FatalExceptionHandler.java

1.96 netty-codec-socks 4.1.109.Final

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```
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
*
/netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksResponseType.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/SocksVersion.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandStatus.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksAddressType.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksMessageType.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
*
/netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksRequestType.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
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* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponseDecoder.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/AbstractSocks4Message.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4Message.java
 *
 /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/AbstractSocks5Message.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponseDecoder.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/package-info.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequestDecoder.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequestDecoder.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerEncoder.java
 * /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ClientEncoder.java

```

* /netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java
*
/netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/package-info.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5Message.java
* /netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ServerEncoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientEncoder.java
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```

* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksRequest.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponse.java
*
/netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandStatus.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequest.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponse.java
* /netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequest.java
* /netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java
*
/netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java

```

```

* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksMessageEncoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksMessage.java
*
/netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksCommonUtils.java
* /netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java
* /netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/package-info.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/package-info.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/SocksMessage.java
*
/netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandRequest.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequest.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequest.java
* /netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksRequest.java
* /netty-codec-socks-4-1-109-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandType.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequest.java
*
/netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socks/SocksResponse.java
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* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressEncoder.java
* /netty-codec-socks-4-1-109-final-sources-jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java

1.97 jetty-jmx 9.4.54.v20240208

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Eclipse

The following artifacts are EPL.

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

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

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

Oracle OpenJDK

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

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

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

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

Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.98 log4j-over-slf4j 1.7.26

1.99 rxjava-server 0.9.0

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1.100 commons-cli 1.4

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1.101 cglib 3.2.9

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1.102 dropwizard-servlets 2.1.2

1.102.1 Available under license :

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1.103 argparse 0.9.0

1.103.1 Available under license :

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1.104 antlr 4.9.2

1.104.1 Available under license :

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Found in path(s):

* /antlr4-4-9-2-sources-1-jar/META-INF/maven/org.antlr/antlr4/pom.xml

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*/

```

```

/** ANTLR tool checks output templates are compatible with tool code generation.
*   For now, a simple string match used on x.y of x.y.z scheme.
*   Must match Tool.VERSION during load to templates.
*
*   REQUIRED.
*/

```

```

pythonTypeInitMap ::= [
  "bool":"False",
  "int":"0",
  "float":"0.0",
  "str": "",
  default:"None" // anything other
  than a primitive type is an object
]

```

```

// args must be <object-model-object>, <fields-resulting-in-STs>

```

```

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
  <fileHeader(file.grammarFileName, file.ANTLRVersion)>
  # encoding: utf-8
  from antlr4 import *
  from io import StringIO
  import sys
  if sys.version_info[1] > 5:
    from typing import TextIO
  else:
    from typing.io import TextIO

  <namedActions.header>
  <parser>

  >>

```

```

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
if __name__ is not None and "." in __name__:
    from .<file.parserName> import <file.parserName>
else:
    from <file.parserName> import <file.parserName>
<header>

# This class defines a complete listener for a parse tree produced by <file.parserName>.
class <file.grammarName>Listener(ParseTreeListener):

    <file.listenerNames:{lname |
# Enter a parse tree produced by <file.parserName>#<lname>.
def enter<lname; format="cap">(self, ctx:<file.parserName>.<lname;
format="cap">Context):
    pass

# Exit a parse tree produced by <file.parserName>#<lname>.
def exit<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    pass

}; separator="\n">

del <file.parserName>
>>

```

```

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
if __name__ is not None and "." in __name__:
    from .<file.parserName> import <file.parserName>
else:
    from <file.parserName> import <file.parserName>
<header>

# This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

class <file.grammarName>Visitor(ParseTreeVisitor):

    <file.visitorNames:{lname |
# Visit a parse tree produced by <file.parserName>#<lname>.
def visit<lname; format="cap">(self, ctx:<file.parserName>.<lname; format="cap">Context):
    return self.visitChildren(ctx)

}; separator="\n">

```

```

del <file.parserName>
>>

fileHeader(grammarFileName, ANTLRVersion)
::= <<
# Generated from <grammarFileName> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(superClass)>
if __name__ is not None and "." in __name__:
    from <superClass> import <superClass>
else:
    from <superClass> import <superClass>

<endif>
<atn>

class <parser.name> ( <if(superClass)><superClass><else>Parser<endif> ):

    grammarFileName = "<parser.grammarFileName>"

    atn = ATNDeserializer().deserialize(serializedATN())

    decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

    sharedContextCache = PredictionContextCache()

    literalNames = [ <parser.literalNames:{t | <t>}; null="\\"<INVALID>\\"", separator=", ", wrap, anchor> ]

    symbolicNames = [ <parser.symbolicNames:{t | <t>}; null="\\"<INVALID>\\"", separator=", ", wrap, anchor> ]

    <if(parser.rules)>
    <parser.rules:{r | RULE_<r.name>
= <r.index>}; separator="\n", wrap, anchor>
    <endif>

    ruleNames = [ <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ]

    EOF = <TokenLabelType>.EOF
    <if(parser.tokens)>
    <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator="\n", wrap, anchor>

```

```

<endif>

<parser:(ctor())>

<namedActions.members>

<funcs; separator="\n">

<if(sempredFuncs)>
    def sempred(self, localctx:RuleContext, ruleIndex:int, predIndex:int):
        if self._predicates == None:
            self._predicates = dict()
        <parser.sempredFuncs.values:{ f |
            self._predicates[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n    ">
            pred = self._predicates.get(ruleIndex, None)
            if pred is None:
                raise Exception("No predicate with index:" + str(ruleIndex))
            else:
                return pred(localctx, predIndex)

    <sempredFuncs.values; separator="\n">
<endif>

>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
def
    action(self, localctx:RuleContext, ruleIndex:int, actionIndex:int):
        if self._actions is None:
            actions = dict()
        <recog.actionFuncs.values:{ f|
            actions[<f.ruleIndex>] = self.<f.name>_action }; separator="\n">
            self._actions = actions
            action = self._actions.get(ruleIndex, None)
            if action is not None:
                action(localctx, actionIndex)
            else:
                raise Exception("No registered action for:" + str(ruleIndex))

    <actionFuncs.values; separator="\n">

<endif>
<if(sempredFuncs)>
def sempred(self, localctx:RuleContext, ruleIndex:int, predIndex:int):

```



```

    if self._predicates is None:
        preds = dict()
    <recog.sempredFuncs.values:{f|
        preds[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n">
        self._predicates = preds
    pred = self._predicates.get(ruleIndex, None)
    if pred is not None:
        return pred(localctx, predIndex)
    else:
        raise Exception("No registered predicate for:" + str(ruleIndex))

<sempredFuncs.values;
separator="\n">
<endif>
>>

parser_ctor(p) ::= <<
def __init__(self, input:TokenStream, output:TextIO = sys.stdout):
    super().__init__(input, output)
    self.checkVersion("<file.ANTLRVersion>")
    self._interp = ParserATNSimulator(self, self.atn, self.decisionsToDFA, self.sharedContextCache)
    self._predicates = None

>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<

def <r.name>_action(self, localctx:<r.ctxType> , actionIndex:int):
    <actions:{index|
    <if(first(actions))>
        if actionIndex == <index>:
            <actions.(index)>
    <elseif(rest(actions))>
        elif actionIndex == <index>:
            <actions.(index)>
    <endif> }; separator="\n">
>>

/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
def <r.name>_sempred(self,
    localctx:<r.ctxType>, predIndex:int):
    <actions:{index|

```

```

<if(first(actions))>
  if predIndex == <index>:
    return <actions.(index)>
<elseif(rest(actions))>
  elif predIndex == <index>:
    return <actions.(index)>
<endif> }; separator="\n">

>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self<currentRule.args:{a | , <a.name><if(a.type)><a.type><endif>}>):

  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, self.state<currentRule.args:{a | , <a.name>}>))
  self.enterRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>)
  <namedActions.init>
  <locals; separator="\n">
  try:
    <code>
    <postamble; separator="\n">
    <namedActions.after>
  <if(exceptions)>
  <exceptions; separator="\n">
  <else>
  except RecognitionException as re:

    localctx.exception = re
    self._errHandler.reportError(self, re)
    self._errHandler.recover(self, re)
  <endif>
  finally:
    <finallyAction>
    self.exitRule()
  return localctx

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
  namedActions,finallyAction,postamble) ::=
<<

<ruleCtx>

```

```
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
```

```
def <currentRule.name>(self, _p:int=0<if(currentRule.args)>, <args:{a | , <a>}><endif>):
    _parentctx = self._ctx
    _parentState = self.state
    localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, _parentState<args:{a | , <a.name>}>)
    _prevctx = localctx
    _startState = <currentRule.startState>
    self.enterRecursionRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>, _p)
    <namedActions.init>
    <locals; separator="\n">
    try:
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    except RecognitionException as re:
        localctx.exception = re
        self._errHandler.reportError(self, re)
        self._errHandler.recover(self, re)
    finally:
        <finallyAction>
        self.unrollRecursionContexts(_parentctx)
    return localctx

>>
```

```
CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = <parser.name>.<currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(self, localctx)<endif>
self.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>
```

```
CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>
```

```
LL1AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
token = self._input.LA(1)
<choice.altLook,alts:{look,alt|
<cases(ttypes=look)>
<alt>
```

```
    pass}; separator="\n">
```

```
else:
```

```
    <error>
```

```
>>
```

```
LL1OptionalBlock(choice, alts, error) ::= <<
```

```
self.state = <choice.stateNumber>
```

```
self._errHandler.sync(self)
```

```
token = self._input.LA(1)
```

```
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
```

```
    <alt>
```

```
    pass}; separator="\n">
```

```
else:
```

```
    pass
```

```
>>
```

```
LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
```

```
self.state = <choice.stateNumber>
```

```
self._errHandler.sync(self)
```

```
<preamble; separator="\n">
```

```
if <expr>:
```

```
    <alts; separator="\n">
```

```
<!else if ( !(<followExpr> ) ) <error>!>
```

```
>>
```

```
LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
```

```
self.state = <choice.stateNumber>
```

```
self._errHandler.sync(self)
```

```
<preamble; separator="\n">
```

```
while <loopExpr>:
```

```
    <alts; separator="\n">
```

```
    self.state = <choice.loopBackStateNumber>
```

```
    self._errHandler.sync(self)
```

```
    <iteration>
```

```
>>
```

```
LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
```

```
self.state
```

```
    = <choice.blockStartStateNumber> <! alt block decision !>
```

```
self._errHandler.sync(self)
```

```
<preamble; separator="\n">
```

```
while True:
```

```
    <alts; separator="\n">
```

```
    self.state = <choice.stateNumber> <! loopback/exit decision !>
```

```

        self._errHandler.sync(self)
        <iteration>
        if not (<loopExpr>):
            break

>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i>:
    <alt>
    pass
}; separator="\nel">

>>

OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
}; separator="\nel">

>>

StarBlock(choice, alts, sync, iteration) ::=
<<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
    if _alt==1<if(!choice.ast.greedy)>+1<endif>:
        <iteration>
        <alts> <! should only be one !>
    self.state = <choice.loopBackStateNumber>
    self._errHandler.sync(self)
    _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

```

```

PlusBlock(choice, alts, error) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>
while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
    <alts:{alt|
if _alt == <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
}; separator="\nel">
    else:
        <error>
self.state = <choice.loopBackStateNumber> <! loopback/exit decision !>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

Sync(s)
::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "raise NoViableAltException(self)"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" or ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})> and ((1 \<\< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftType(ttype, bits.shift)>)}; separator=" | ">)) != 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

```

```

offsetShiftType(shiftAmount,
offset) ::= <%
<if(!isZero(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<parser.name>.<ttype>}; separator=" or ">
%>

cases(ttypes) ::= <<
if token in [<types:{t | <parser.name>.<t>}; separator=", ">]:
>>

InvokeRule(r, argExprsChunks) ::= <<
self.state = <r.stateNumber>
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>self.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)><endif><endif><argExprsChu
nks>)
>>

MatchToken(m) ::= <<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>self.match(<parser.name>.<m.name>)
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::=
<<
self.state = <m.stateNumber>
<if(m.labels)><m.labels:{l | <labelref(l)> = }>self._input.LT(1)<endif>
<capture>
<if(invert)>if <m.varName> \<= 0 or <expr><else>if not(<expr>)<endif>:
<if(m.labels)><m.labels:{l | <labelref(l)> = }><else> <endif>self._errHandler.recoverInline(self)
else:
self._errHandler.reportMatch(self)
self.consume()
>>

Wildcard(w) ::= <<
self.state = <w.stateNumber>
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>self.matchWildcard()
>>

// ACTION STUFF

```

```

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
self.state = <p.stateNumber>
if not <chunks>:
    from antlr4.error.Errors import FailedPredicateException
    raise FailedPredicateException(self, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>)
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
except <catchArg>:
    <catchAction>
>>

// lexer actions are not associated with model objects

LexerSkipCommand()
    ::= "skip()"
LexerMoreCommand() ::= "more()"
LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg, grammar)    ::= "_type = <arg>"
LexerChannelCommand(arg, grammar) ::= "_channel = <arg>"
LexerModeCommand(arg, grammar)    ::= "_mode = <arg>"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValRef(a) ::= "localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(None if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t)

```



```

::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(0 if <ctx(t)>.<t.label> is None else int(<ctx(t)>.<t.label>.text))"

RulePropertyRef_start(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r) ::= "(None if <ctx(r)>.<r.label> is None else
self._input.getText(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop))"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r)
::= "localctx.start"
ThisRulePropertyRef_stop(r) ::= "localctx.stop"
ThisRulePropertyRef_text(r) ::= "self._input.getText(localctx.start, self._input.LT(-1))"
ThisRulePropertyRef_ctx(r) ::= "localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s) ::= "self.getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "self.getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "self.<t.name> = None # <TokenLabelType()>"
TokenTypeDecl(t) ::= "self.<t.name> = 0 # <TokenLabelType()> type"
TokenListDecl(t) ::= "self.<t.name> = list() # of <TokenLabelType()>s"
RuleContextDecl(r) ::= "self.<r.name> = None # <r.ctxName>"
RuleContextListDecl(rdecl) ::= "self.<rdecl.name> = list() # of <rdecl.ctxName>s"

ContextTokenGetterDecl(t) ::= <<
def <t.name>(self):
    return self.getToken(<parser.name>.<t.name>, 0)
>>

// should never
be called
ContextTokenListGetterDecl(t) ::= <<
def <t.name>_list(self):
    return self.getTokens(<parser.name>.<t.name>)
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
def <t.name>(self, i:int=None):
    if i is None:
        return self.getTokens(<parser.name>.<t.name>)

```

```

    else:
        return self.getToken(<parser.name>.<t.name>, i)
>>

ContextRuleGetterDecl(r)    ::= <<
def <r.name>(self):
    return self.getTypedRuleContext(<parser.name>.<r.ctxName>,0)

>>

// should never be called
ContextRuleListGetterDecl(r) ::= <<
def <r.name>_list(self):
    return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)

>>

ContextRuleListIndexedGetterDecl(r) ::= <<
def <r.name>(self, i:int=None):
    if i is None:
        return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
    else:
        return self.getTypedRuleContext(<parser.name>.<r.ctxName>,i)

>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)          ::= "_tset<id>"
ListLabelName(label)         ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = self._input.LA(1)"

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers) ::= <<
class <struct.name>(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif>):
    __slots__ = 'parser'

    def __init__(self, parser, parent:ParserRuleContext=None, invokingState:int=-1<struct.ctorAttrs:{a | ,
<a.name><if(a.type)>:<a.type><endif>=None}>):
        super().__init__(parent, invokingState)

```

```

        self.parser = parser
        <attrs:{a | <a>}; separator="\n">
        <struct.ctorAttrs:{a | self.<a.name> = <a.name>}; separator="\n">

    <getters:{g | <g>}; separator="\n\n">

    def getRuleIndex(self):
        return <parser.name>.RULE_<struct.derivedFromName>

    <if(struct.provideCopyFrom)>
    <!-- don't need copy unless we have subclasses !-->
    def copyFrom(self, ctx:ParserRuleContext):
        super().copyFrom(ctx)
        <struct.attrs:{a | self.<a.name> = ctx.<a.name>}; separator="\n">

    <endif>
    <dispatchMethods; separator="\n">
    <extensionMembers; separator="\n">

>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
class <struct.name>(<currentRule.name; format="cap">Context):

    def __init__(self, parser, ctx:ParserRuleContext): # actually a <parser.name>.<currentRule.name;
format="cap">Context
        super().__init__(parser)
        <attrs:{a | <a>}; separator="\n">
        self.copyFrom(ctx)

    <getters:{g | <g>}; separator="\n">

    <dispatchMethods; separator="\n">

>>

ListenerDispatchMethod(method) ::= <<
def <if(method.isEnter)>enter<else>exit<endif>Rule(self, listener:ParseTreeListener):
    if hasattr( listener, "<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
format="cap">" ):
        listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)

>>

VisitorDispatchMethod(method) ::= <<
def accept(self, visitor:ParseTreeVisitor):
    if hasattr( visitor, "visit<struct.derivedFromName; format="cap">" ):
        return visitor.visit<struct.derivedFromName; format="cap">(self)

```

```

else:
    return visitor.visitChildren(self)

>>

AttributeDecl(d) ::= "self.<d.name> = <if(d.initValue)><d.initValue><else>None<endif>"

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName, opPrec) ::= "self.precpred(self._ctx, <opPrec>)"
recRuleSetReturnAction(src, name) ::= "$<name>=$<src>.<name>"
recRuleSetStopToken() ::= "self._ctx.stop = self._input.LT(-1)"

recRuleAltStartAction(ruleName,
    ctxName, label) ::= <<
localctx = <parser.name>.<ctxName>Context(self, _parentctx, _parentState)
<if(label)>localctx.<label> = _prevctx<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = <parser.name>.<currentAltLabel; format="cap">Context(self, <parser.name>.<ruleName>;
format="cap">Context(self, _parentctx, _parentState))
<if(label)>
<if(isListLabel)>
localctx.<label>.append(_prevctx)
<else>
localctx.<label> = _prevctx
<endif>
<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>

recRuleReplaceContext(ctxName) ::= <<
localctx = <parser.name>.<ctxName>Context(self, localctx)
self._ctx = localctx
_prevctx = localctx
>>

recRuleSetPrevCtx() ::= <<
if self._parseListeners is not None:
    self.triggerExitRuleEvent()
_prevctx = localctx

```

>>

```
LexerFile(lexerFile, lexer, namedActions) ::= <<
```

```
<fileHeader(lexerFile.grammarFileName,  
lexerFile.ANTLRVersion)>
```

```
from antlr4 import *
```

```
from io import StringIO
```

```
import sys
```

```
if sys.version_info[1] > 5:
```

```
    from typing import TextIO
```

```
else:
```

```
    from typing.io import TextIO
```

```
<namedActions.header>
```

```
<lexer>
```

>>

```
Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
```

```
<if(superClass)>
```

```
if __name__ is not None and "." in __name__:
```

```
    from .<superClass> import <superClass>
```

```
else:
```

```
    from <superClass> import <superClass>
```

```
<endif>
```

```
<atn>
```

```
class <lexer.name>(<if(superClass)><superClass><else>Lexer<endif>):
```

```
    atn = ATNDeserializer().deserialize(serializedATN())
```

```
    decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]
```

```
<if(lexer.channels)>
```

```
    <lexer.channels:{c| <c> = <lexer.channels.(c)>}; separator="\n">
```

```
<endif>
```

```
<if(rest(lexer.modes))>
```

```
    <rest(lexer.modes):{m| <m> = <i>}; separator="\n">
```

```
<endif>
```

```
    <if(lexer.tokens)>
```

```
    <lexer.tokens:{k | <k> = <lexer.tokens.(k)>}; separator="\n", wrap, anchor>
```

```
    <endif>
```

```
    channelNames
```

```

= [ u"DEFAULT_TOKEN_CHANNEL", u"HIDDEN"<if (lexer.channels)>, <lexer.channels:{c| u"<c>">;
separator=", ", wrap, anchor><endif> ]

modeNames = [ <lexer.modes:{m| "<m>">; separator=", ", wrap, anchor> ]

literalNames = [ "\<INVALID>",
    <lexer.literalNames:{t | <t>">; separator=", ", wrap, anchor> ]

symbolicNames = [ "\<INVALID>",
    <lexer.symbolicNames:{t | <t>">; separator=", ", wrap, anchor> ]

ruleNames = [ <lexer.ruleNames:{r | "<r>">; separator=", ", wrap, anchor> ]

grammarFileName = "<lexer.grammarFileName>"

def __init__(self, input=None, output:TextIO = sys.stdout):
    super().__init__(input, output)
    self.checkVersion("<lexerFile.ANTLRVersion>")
    self._interp = LexerATNSimulator(self, self.atn, self.decisionsToDFA, PredictionContextCache())
    self._actions = None
    self._predicates = None

    <namedActions.members>

    <dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model)
::= <<
<! only one segment, can be inlined !>

def serializedATN():
    with StringIO() as buf:
        buf.write("<model.serialized; wrap={}<\n>".format(buf.write(">"))
        return buf.getvalue()

>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
    <pythonTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".py"

```

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/Python3/Python3.stg

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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 {
```

```
/*
```

```
[The "BSD license"]
```

```
Copyright (c) 2010 Terence Parr
```

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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)
;

```

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/ATNBuilder.g

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```

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 */

```
javaTypeInitMap ::= [
  "int": "0",
  "long": "0",
  "float": "0.0f",
  "double": "0.0",
  "boolean": "false",
  "byte": "0",
  "short": "0",
  "char": "0",
  default: "null" // anything other than a primitive type is an object
]
```

// args must be <object-model-object>, <fields-resulting-in-STs>

```
ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
  <fileHeader(file.grammarFileName,
    file.ANTLRVersion)>
  <if(file.genPackage)>
    package <file.genPackage>;
  <endif>
  <namedActions.header>
  import org antlr.v4.runtime.atn.*;
  import org antlr.v4.runtime.dfa.DFA;
  import org antlr.v4.runtime.*;
  import org antlr.v4.runtime.misc.*;
  import org antlr.v4.runtime.tree.*;
  import java.util.List;
  import java.util.Iterator;
  import java.util.ArrayList;

  <parser>
  >>
```

```
ListenerFile(file, header, namedActions) ::= <<
  <fileHeader(file.grammarFileName, file.ANTLRVersion)>
  <if(file.genPackage)>
    package <file.genPackage>;
  <endif>
  <header>
  import org antlr.v4.runtime.tree.ParseTreeListener;
```

/**

* This interface defines a complete listener for a parse tree produced by

```

* {@link <file.parserName>}.
*/
public interface <file.grammarName>Listener extends ParseTreeListener {
    <file.listenerNames:{lname |
/**
    <if(file.listenerLabelRuleNames.(lname))>
    * Enter a parse tree produced by the {@code <lname>\}
    * labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
    <else>
    * Enter a parse tree produced by {@link <file.parserName>#<lname>\}.
    <endif>
    * @param ctx the parse tree
    */
    void enter<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);
/**
    <if(file.listenerLabelRuleNames.(lname))>
    * Exit a parse tree produced by the {@code <lname>\}
    * labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>\}.
    <else>
    * Exit a parse tree produced by {@link <file.parserName>#<lname>\}.
    <endif>
    * @param ctx the parse tree
    */
    void exit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);}; separator="\n">
}
>>

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>

import org.antlr.v4.runtime.ParserRuleContext;
import org.antlr.v4.runtime.tree.ErrorNode;
import org.antlr.v4.runtime.tree.TerminalNode;

/**
 * This class provides an empty implementation of {@link <file.grammarName>Listener},
 * which can be extended to create a listener which only needs to handle a subset
 * of the available methods.
 */
public class <file.grammarName>BaseListener implements <file.grammarName>Listener {
    <file.listenerNames:{lname |
/**
    * {@inheritDoc}
    *

```

```

* \<p>The default implementation does nothing.\</p>
*/
@Override public void enter<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { \}
/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
@Override public void exit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { \};
separator="\n">

/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
@Override public void enterEveryRule(ParserRuleContext ctx) { }
/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
@Override public void exitEveryRule(ParserRuleContext ctx) { }
/**
* {@inheritDoc\}
*
* \<p>The default
implementation does nothing.\</p>
*/
@Override public void visitTerminal(TerminalNode node) { }
/**
* {@inheritDoc\}
*
* \<p>The default implementation does nothing.\</p>
*/
@Override public void visitErrorNode(ErrorNode node) { }
}
>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.ParseTreeVisitor;

/**

```

```

* This interface defines a complete generic visitor for a parse tree produced
* by {@link <file.parserName>}.
*
* @param \<T> The return type of the visit operation. Use {@link Void} for
* operations with no return type.
*/
public interface <file.grammarName>Visitor\<T> extends ParseTreeVisitor\<T> {
    <file.visitorNames:{lname |
/**
<if(file.visitorLabelRuleNames.(lname))>
* Visit a parse tree produced by the {@code <lname>}
* labeled alternative in {@link <file.parserName>#<file.visitorLabelRuleNames.(lname)>}.
<else>
* Visit a parse tree produced by {@link <file.parserName>#<lname>}.
<endif>
* @param ctx the parse tree
* @return the visitor result
*/
T visit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx);}; separator="\n">
}
>>

```

```

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
package <file.genPackage>;
<endif>
<header>
import org.antlr.v4.runtime.tree.AbstractParseTreeVisitor;

/**
* This class provides an empty implementation of {@link <file.grammarName>Visitor},
* which can be extended to create a visitor which only needs to handle a subset
* of the available methods.
*
* @param \<T> The return type of the visit operation. Use {@link Void} for
* operations with no return type.
*/
public class <file.grammarName>BaseVisitor\<T> extends AbstractParseTreeVisitor\<T> implements
<file.grammarName>Visitor\<T> {
    <file.visitorNames:{lname |
/**
* {@inheritDoc}
*
* \<p>The default
implementation returns the result of calling
* {@link #visitChildren} on {@code ctx}.\</p>
*/

```



```

@Override public T visit<lname; format="cap">(<file.parserName>.<lname; format="cap">Context ctx) { return
visitChildren(ctx); \} }; separator="\n">
}
>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})
public class <parser.name> extends <superClass; null="Parser"> {
static { RuntimeMetaData.checkVersion("<file.ANTLRVersion>", RuntimeMetaData.VERSION); }

protected static final DFA[] _decisionToDFA;
protected static final PredictionContextCache _sharedContextCache =
new PredictionContextCache();
<if(parser.tokens)>
public static final int
<parser.tokens:{k | <k>=<parser.tokens.(k)>}>;
separator=" ", wrap, anchor>;
<endif>
<if(parser.rules)>
public static final int
<parser.rules:{r | RULE_<r.name> = <r.index>}>; separator=" ", wrap, anchor>;
<endif>
private static String[] makeRuleNames() {
return new String[] {
<parser.ruleNames:{r | "<r>">; separator=" ", wrap, anchor>
};
}
public static final String[] ruleNames = makeRuleNames();

<vocabulary(parser.literalNames, parser.symbolicNames)>

@Override
public String getGrammarFileName() { return "<parser.grammarFileName; format="java-escape">"; }

@Override
public String[] getRuleNames() { return ruleNames; }

@Override
public String getSerializedATN() { return _serializedATN; }

```

```

@Override
public ATN getATN() { return _ATN; }

<namedActions.members>
<parser:(ctor)()>
<funcs; separator="\n">

<if(sempredFuncs)>
public boolean sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
    switch (ruleIndex) {
        <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
return
        <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
    }
    return true;
}
        <sempredFuncs.values; separator="\n">
    <endif>

    <atn>
}
>>

vocabulary(literalNames, symbolicNames) ::= <<
private static String[] makeLiteralNames() {
    return new String[] {
        <literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
    };
}
private static final String[] _LITERAL_NAMES = makeLiteralNames();
private static String[] makeSymbolicNames() {
    return new String[] {
        <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
    };
}
private static final String[] _SYMBOLIC_NAMES = makeSymbolicNames();
public static final Vocabulary VOCABULARY = new VocabularyImpl(_LITERAL_NAMES,
    _SYMBOLIC_NAMES);

/**
 * @deprecated Use {@link #VOCABULARY} instead.
 */
@Deprecated
public static final String[] tokenNames;
static {
    tokenNames = new String[_SYMBOLIC_NAMES.length];
    for (int i = 0; i < tokenNames.length; i++) {

```

```

tokenNames[i] = VOCABULARY.getLiteralName(i);
if (tokenNames[i]
== null) {
    tokenNames[i] = VOCABULARY.getSymbolicName(i);
}

if (tokenNames[i] == null) {
    tokenNames[i] = "<INVALID>";
}
}
}

@Override
@Deprecated
public String[] getTokenNames() {
    return tokenNames;
}

@Override

public Vocabulary getVocabulary() {
    return VOCABULARY;
}
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
@Override
public void action(RuleContext _localctx, int ruleIndex, int actionIndex) {
    switch (ruleIndex) {
        <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
        <f.name>_action((<f.ctxType>)_localctx, actionIndex);
        break;}; separator="\n">
    }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
@Override
public boolean sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
    switch (ruleIndex) {
        <recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
        return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
    }
    return true;
}
}

```

```

<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p)
::= <<
public <p.name>(TokenStream input) {
    super(input);
    _interp = new ParserATNSimulator(this,_ATN,_decisionToDFA,_sharedContextCache);
}
>>

/* This generates a private method since the actionIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleActionFunction(r, actions) ::= <<
private void <r.name>_action(<r.ctxType> _localctx, int actionIndex) {
    switch (actionIndex) {
        <actions:{index|
case <index>:
        <actions.(index)>
        break;}; separator="\n">
    }
}
>>

/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
private boolean <r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
    switch (predIndex) {
        <actions:{index|
case <index>:
        return <actions.(index)>;}; separator="\n">
    }
    return true;
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif><currentRule.ctxType>
<currentRule.name>(<args; separator=",">) throws RecognitionException {

```

```

<currentRule.ctxType> _localctx = new <currentRule.ctxType>(_ctx, getState())<currentRule.args:{a | ,
<a.name>}>;
enterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
<namedActions.init>
<locals; separator="\n">
try {
<if(currentRule.hasLookaheadBlock)>
    int _alt;
<endif>
<code>
<postamble; separator="\n">
<namedActions.after>
}
<if(exceptions)>
<exceptions; separator="\n">
<else>
catch (RecognitionException re) {
    _localctx.exception = re;
    _errHandler.reportError(this, re);
    _errHandler.recover(this, re);
}
<endif>
finally {
    <finallyAction>
    exitRule();
}
return _localctx;
}
>>

```

```

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
namedActions,finallyAction,postamble)
::=
<<

```

```

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

```

```

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public final <endif><currentRule.ctxType>
<currentRule.name>(<args; separator=", ">) throws RecognitionException {
return <currentRule.name>(0<currentRule.args:{a | , <a.name>}>);
}

```

```

private <currentRule.ctxType> <currentRule.name>(int _p<args:{a | , <a>}>) throws RecognitionException {
    ParserRuleContext _parentctx = _ctx;
    int _parentState = getState();
    <currentRule.ctxType> _localctx = new <currentRule.ctxType>(_ctx, _parentState<currentRule.args:{a | ,
<a.name>}>);

```

```

<currentRule.ctxType> _prevctx = _localctx;
int _startState = <currentRule.startState>;
enterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
<namedActions.init>
<locals; separator="\n">
try {
<if(currentRule.hasLookaheadBlock)>
    int _alt;
<endif>
    <code>
    <postamble; separator="\n">
    <namedActions.after>
}
catch (RecognitionException
re) {
    _localctx.exception = re;
    _errHandler.reportError(this, re);
    _errHandler.recover(this, re);
}
finally {
    <finallyAction>
    unrollRecursionContexts(_parentctx);
}
return _localctx;
}
>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
{
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
}
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1);<endif>
<preamble; separator="\n">
switch (_input.LA(1)) {

```

```

<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
  <alt>
  break;};
separator="\n">
default:
  <error>
}
>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
  setState(<choice.stateNumber>);
  _errHandler.sync(this);
  switch (_input.LA(1)) {
    <choice.altLook,alts:{look,alt| <cases(ttypes=look)>
      <alt>
      break;}; separator="\n">
    default:
      break;
  }
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
  setState(<choice.stateNumber>);
  _errHandler.sync(this);
  <preamble; separator="\n">
  if (<expr>) {
    <alts; separator="\n">
  }
  <!else if ( !(<followExpr> ) <error>!>
>>

```

```

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
  setState(<choice.stateNumber>);
  _errHandler.sync(this);
  <preamble; separator="\n">
  while (<loopExpr>) {
    <alts; separator="\n">
    setState(<choice.loopBackStateNumber>);
    _errHandler.sync(this);
    <iteration>
  }
>>

```

```

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
  setState(<choice.blockStartStateNumber>); <! alt block decision !>
  _errHandler.sync(this);
  <preamble;

```

```

separator="\n">
do {
  <alts; separator="\n">
  setState(<choice.stateNumber>); <! loopback/exit decision !>
  _errHandler.sync(this);
  <iteration>
} while ( <loopExpr> );
>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = _input.LT(1);<endif>
<preamble; separator="\n">
switch ( getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx) ) {
  <alts:{alt |
case <i>:
  <alt>
  break;}; separator="\n">
}
>>

OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
switch ( getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx) ) {
  <alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
  <alt>
  break;}; separator="\n">
}
>>

StarBlock(choice, alts, sync, iteration) ::= <<
setState(<choice.stateNumber>);
_errHandler.sync(this);
_alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);
while ( _alt!=<choice.exitAlt>
  && _alt!=org.antlr.v4.runtime.atn.ATN.INVALID_ALT_NUMBER ) {
  if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
    <iteration>
    <alts> <! should only be one !>
  }
  setState(<choice.loopBackStateNumber>);
  _errHandler.sync(this);
  _alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);

```



```
}  
>>
```

```
PlusBlock(choice, alts, error) ::= <<  
  setState(<choice.blockStartStateNumber>); <! alt block decision !>  
  _errHandler.sync(this);  
  _alt = 1<if(!choice.ast.greedy)>+1<endif>;  
  do {  
    switch (_alt) {  
      <alts:{alt|  
        case <i><if(!choice.ast.greedy)>+1<endif>:  
          <alt>  
          break;}; separator="\n">  
      default:  
        <error>  
      }  
    }  
    setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>  
    _errHandler.sync(this);  
    _alt = getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx);  
  } while ( _alt!=<choice.exitAlt> && _alt!=org.antlr.v4.runtime.atn.ATN.INVALID_ALT_NUMBER );  
>>
```

```
Sync(s) ::= "sync(<s.expecting.name>);"
```

```
ThrowNoViableAlt(t) ::= "throw new NoViableAltException(this);"
```

```
TestSetInline(s)  
  ::= <<  
  <s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,  
  bits)><endif>}; separator=" || ">  
>>
```

```
// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test  
testShiftInRange(shiftAmount) ::= <<  
  ((<shiftAmount>) & ~0x3f) == 0  
>>
```

```
// produces smaller bytecode only when bits.ttypes contains more than two items  
bitsetBitfieldComparison(s, bits) ::= <%  
  (<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1L \<\< <offsetShift(s.varName, bits.shift)>) &  
  (<bits.ttypes:{ttype | (1L \<\< <offsetShift(ttype, bits.shift)>)}; separator=" | ">)) != 0)  
  %>
```

```
isZero ::= [  
  "0":true,  
  default:false  
]
```

```

offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<ttype>}>;
separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case <t>:}>; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
setState(<r.stateNumber>);
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>
);
>>

MatchToken(m) ::= <<
setState(<m.stateNumber>);
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>match(<m.name>);
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
setState(<m.stateNumber>);
<if(m.labels)><m.labels:{l | <labelref(l)> = }>_input.LT(1);<endif>
<capture>
if ( <if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>) ) {
  <if(m.labels)><m.labels:{l | <labelref(l)> = (Token)}><endif>_errHandler.recoverInline(this);
}
else {
  if ( _input.LA(1)==Token.EOF ) matchedEOF = true;
  _errHandler.reportMatch(this);
  consume();
}
>>

Wildcard(w)
::= <<
setState(<w.stateNumber>);
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>matchWildcard();

```

```

>>

// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
setState(<p.stateNumber>);
if (!(<chunks>)) throw new FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
    <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "skip();"
LexerMoreCommand() ::= "more();"
LexerPopModeCommand() ::= "popMode();"

LexerTypeCommand(arg, grammar)    ::= "_type = <arg>);"
LexerChannelCommand(arg, grammar) ::= "_channel = <arg>);"
LexerModeCommand(arg, grammar)    ::= "_mode = <arg>);"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>);"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::=
    "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValRef(a) ::= "_localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>);"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getText():null)"

```

```

TokenPropertyRef_type(t) ::= "<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getType():0)"
TokenPropertyRef_line(t) ::= "<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getLine():0)"
TokenPropertyRef_pos(t) ::= "<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getCharPositionInLine():0)"
TokenPropertyRef_channel(t) ::= "<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getChannel():0)"
TokenPropertyRef_index(t) ::= "<ctx(t)>.<t.label>!=null?<ctx(t)>.<t.label>.getTokenIndex():0)"
TokenPropertyRef_int(t)
::= "<ctx(t)>.<t.label>!=null?Integer.valueOf(<ctx(t)>.<t.label>.getText()):0)"

RulePropertyRef_start(r) ::= "<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.start):null)"
RulePropertyRef_stop(r) ::= "<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.stop):null)"
RulePropertyRef_text(r) ::=
"<ctx(r)>.<r.label>!=null?_input.getText(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop):null)"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "this"

ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r) ::= "_localctx.stop"
ThisRulePropertyRef_text(r) ::= "_input.getText(_localctx.start, _input.LT(-1))"
ThisRulePropertyRef_ctx(r) ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "this"

NonLocalAttrRef(s) ::= "((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::=
"((<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name>
= <rhsChunks>;"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.add(<labelref(a.label)>);"

TokenDecl(t) ::= "<TokenLabelType> <t.name>"
TokenTypeDecl(t) ::= "int <t.name>;"
TokenListDecl(t) ::= "List<Token> <t.name> = new ArrayList<Token>()"
RuleContextDecl(r) ::= "<r.ctxName> <r.name>"
RuleContextListDecl(rdecl) ::= "List<<rdecl.ctxName>> <rdecl.name> = new ArrayList<<rdecl.ctxName>>()"

ContextTokenGetterDecl(t) ::=
"public TerminalNode <t.name>() { return getToken(<parser.name>.<t.name>, 0); }"
ContextTokenListGetterDecl(t) ::=
"public List<TerminalNode> <t.name>() { return getTokens(<parser.name>.<t.name>); }"
ContextTokenListIndexedGetterDecl(t) ::= <<
public TerminalNode <t.name>(int i) {
return getToken(<parser.name>.<t.name>, i);
}
>>

ContextRuleGetterDecl(r) ::= <<
public <r.ctxName> <r.name>() {
return getRuleContext(<r.ctxName>.class,0);
}
>>

```

```

ContextRuleListGetterDecl(r) ::= <<
public
List<<<r.ctxName>>> <r.name>() {
return getRuleContexts(<r.ctxName>.class);
}
>>

ContextRuleListIndexedGetterDecl(r) ::= <<
public <r.ctxName> <r.name>(int i) {
return getRuleContext(<r.ctxName>.class,i);
}
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
* r becomes rContext.
*/
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "<tokenName>"
ImplicitRuleLabel(ruleName) ::= "<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = _input.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = _input.LA(1);"

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers)
::= <<
public static class <struct.name> extends
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)> implements
<interfaces; separator=", "><endif> {
<attrs:{a | public <a>;}; separator="\n">
<getters:{g
| <g>; separator="\n">
<if(ctorAttrs)>public <struct.name>(ParserRuleContext parent, int invokingState) { super(parent, invokingState);
}<endif>
public <struct.name>(ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>>}) {
super(parent, invokingState);
<struct.ctorAttrs:{a | this.<a.name> = <a.name>;}; separator="\n">
}
@Override public int getRuleIndex() { return RULE_<struct.derivedFromName>; }
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
public <struct.name>() { }
public void copyFrom(<struct.name> ctx) {
super.copyFrom(ctx);
<struct.attrs:{a | this.<a.name> = ctx.<a.name>;}; separator="\n">
}
}

```

```

<endif>
<dispatchMethods; separator="\n">
<extensionMembers; separator="\n">
}
>>

```

```

AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<
public static class <struct.name> extends <currentRule.name; format="cap">Context {
<attrs:{a | public <a>;}; separator="\n">
<getters:{g | <g>;}; separator="\n">
public <struct.name>(<currentRule.name;
format="cap">Context ctx) { copyFrom(ctx); }
<dispatchMethods; separator="\n">
}
>>

```

```

ListenerDispatchMethod(method) ::= <<
@Override
public void <if(method.isEnter)>enter<else>exit<endif>Rule(ParseTreeListener listener) {
if ( listener instanceof <parser.grammarName>Listener )
((<parser.grammarName>Listener)listener).<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
format="cap">(this);
}
>>

```

```

VisitorDispatchMethod(method) ::= <<
@Override
public <T> T accept(ParseTreeVisitor<? extends T> visitor) {
if ( visitor instanceof <parser.grammarName>Visitor ) return ((<parser.grammarName>Visitor<? extends
T>)visitor).visit<struct.derivedFromName; format="cap">(this);
else return visitor.visitChildren(this);
}
>>

```

```

AttributeDecl(d) ::= "<d.type> <d.name><if(d.initValue)> = <d.initValue><endif>"

```

```

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>(<x.ctx.name>)_localctx.<endif><x.name>"

```

```

/** For any
action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "(<actionChunk.ctx.name>)_localctx"

```

```

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "precpred(_ctx, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name>=$<src>.<name>;"
recRuleSetStopToken() ::= "_ctx.stop = _input.LT(-1);"

```

```

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
    _localctx = new <ctxName>Context(_parentctx, _parentState);
    <if(label)>
    <if(isListLabel)>
        _localctx.<label>.add(_prevctx);
    <else>
        _localctx.<label> = _prevctx;
    <endif>
    <endif>
    <if(label)>_localctx.<label> = _prevctx;<endif>
    pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

```

```

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
    _localctx = new <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
    _parentState));
    <if(label)>
    <if(isListLabel)>
        ((<currentAltLabel; format="cap">Context)_localctx).<label>.add(_prevctx);
    <else>
        ((<currentAltLabel;
        format="cap">Context)_localctx).<label> = _prevctx;
    <endif>
    <endif>
    pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

```

```

recRuleReplaceContext(ctxName) ::= <<
    _localctx = new <ctxName>Context(_localctx);
    _ctx = _localctx;
    _prevctx = _localctx;
>>

```

```

recRuleSetPrevCtx() ::= <<
    if ( _parseListeners!=null ) triggerExitRuleEvent();
    _prevctx = _localctx;
>>

```

```

LexerFile(lexerFile, lexer, namedActions) ::= <<
    <fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
    <if(lexerFile.genPackage)>
        package <lexerFile.genPackage>;
    <endif>
    <namedActions.header>
    import org.antlr.v4.runtime.Lexer;
    import org.antlr.v4.runtime.CharStream;
    import org.antlr.v4.runtime.Token;

```

```

import org.antlr.v4.runtime.TokenStream;
import org.antlr.v4.runtime.*;
import org.antlr.v4.runtime.atn.*;
import org.antlr.v4.runtime.dfa.DFA;
import org.antlr.v4.runtime.misc.*;

<lexer>
>>

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
@SuppressWarnings({"all",
"warnings", "unchecked", "unused", "cast"})
public class <lexer.name> extends <superClass; null="Lexer"> {
static { RuntimeMetaData.checkVersion("<lexerFile.ANTLRVersion>", RuntimeMetaData.VERSION); }

protected static final DFA[] _decisionToDFA;
protected static final PredictionContextCache _sharedContextCache =
new PredictionContextCache();
<if(lexer.tokens)>
public static final int
<lexer.tokens:{k | <k>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
<endif>
<if(lexer.channels)>
public static final int
<lexer.channels:{c | <c>=<lexer.channels.(c)>}; separator=", ", wrap, anchor>;
<endif>
<if(rest(lexer.modes))>
public static final int
<rest(lexer.modes):{m | <m>=<i>}; separator=", ", wrap, anchor>;
<endif>
public static String[] channelNames = {
"DEFAULT_TOKEN_CHANNEL", "HIDDEN"<if (lexer.channels)>, <lexer.channels:{c| "<c>"}; separator=", ",
wrap, anchor><endif>
};

public static String[] modeNames = {
<lexer.modes:{m| "<m>"};
separator=", ", wrap, anchor>
};

private static String[] makeRuleNames() {
return new String[] {
<lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
};
}
public static final String[] ruleNames = makeRuleNames();

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

```



```

<namedActions.members>

public <lexer.name>(CharStream input) {
    super(input);
    _interp = new LexerATNSimulator(this, _ATN, _decisionToDFA, _sharedContextCache);
}

@Override
public String getGrammarFileName() { return "<lexer.grammarFileName>"; }

@Override
public String[] getRuleNames() { return ruleNames; }

@Override
public String getSerializedATN() { return _serializedATN; }

@Override
public String[] getChannelNames() { return channelNames; }

@Override
public String[] getModeNames() { return modeNames; }

@Override
public ATN getATN() { return _ATN; }

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>

SerializedATN(model) ::= <<
<if(rest(model.segments))>
<! requires
segmented representation !>
private static final int _serializedATNSegments = <length(model.segments)>;
<model.segments:{segment|private static final String _serializedATNSegment<i0> =
"<segment; wrap={"+<\n><\t>"}>";}; separator="\n">
public static final String _serializedATN = Utils.join(
    new String[] {
        <model.segments:{segment | _serializedATNSegment<i0>}; separator=",\n">
    },
    ""
);
<else>
<! only one segment, can be inlined !>
public static final String _serializedATN =
    "<model.serialized; wrap={"+<\n><\t>"}>";

```

```

<endif>
public static final ATN _ATN =
    new ATNDeserializer().deserialize(_serializedATN.toCharArray());
static {
    _decisionToDFA = new DFA[_ATN.getNumberOfDecisions()];
    for (int i = 0; i < _ATN.getNumberOfDecisions(); i++) {
        _decisionToDFA[i] = new DFA(_ATN.getDecisionState(i), i);
    }
}
<! org.antlr.v4.tool.DOTGenerator dot = new org.antlr.v4.tool.DOTGenerator(null);!>
<! System.out.println(dot.getDOT(_ATN.decisionToState.get(0), ruleNames, false));!>
<! System.out.println(dot.getDOT(_ATN.ruleToStartState[2],
    ruleNames, false));!>
}
>>

```

```

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
    <javaTypeInitMap.(typeName)>
>>

```

```
codeFileExtension() ::= ".java"
```

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/Java/Java.stg

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

/** 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)

;

Found in path(s):

*

/antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/LeftRecursiveRuleWalker.g

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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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*/

```
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-\uEFFFE] ;

```

// -----

// 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.setCharPositionInLine(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.setCharPositionInLine(input.getCharPositionInLine()-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 grammar 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();
    }
    ;

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- */

```
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.Utils;
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)
;

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- */

```
atn(startState, states, edges, rankdir, decisionRanks, useBox) ::= <<
digraph ATN {
rankdir=LR;
<decisionRanks; separator="\n">
<states; separator="\n">
<edges; separator="\n">
}
>>
```

```
dfa(name, startState, states, edges, rankdir, decisionRanks, useBox) ::= <<
digraph <name> {
<if(rankdir)>rankdir=<rankdir>;<endif>
<decisionRanks; separator="\n">
<states; separator="\n">
<edges;
separator="\n">
}
>>
```

```
decision-rank(states) ::= <<
{rank=same; rankdir=TB; <states:{s | s<s>}; separator=" "; ">}
>>
```

```
edge(src,target,label,arrowhead,transitionIndex) ::= <<
<src><if(transitionIndex)>p<transitionIndex><endif> -> <target> [fontsize=11, fontname="Courier", arrowsize=.7,
label = "<label>"<if(arrowhead)>, arrowhead = <arrowhead><endif>];
>>
```

```
action-edge(src,target,label,arrowhead,transitionIndex) ::= <<
<src><if(transitionIndex)>p<transitionIndex><endif> -> <target> [fontsize=11, fontname="Courier", arrowsize=.7,
label = "<label>"<if(arrowhead)>, arrowhead = <arrowhead><endif>];
>>
```

```
epsilon-edge(src,label,target,arrowhead,transitionIndex,loopback=false) ::= <<
<src><if(transitionIndex)>p<transitionIndex><endif> -> <target> [fontname="Times-Italic",
label="&epsilon;"<if(loopback)>, style="dashed"<endif>];
```

>>

```
state(state, label, name, transitions) ::= <%
<name>[fontsize=11,
  label="
    <! rest(transition) tests for decision states: these nodes have a non-empty
set of transitions after the first one. !>
    <if(rest(transitions))>
      {
        <! Label on the left side of the record node. !>
        <label>
        |
        <! Named ports in order on right side of record node, no display text. !>
        {<transitions:{t|\<p<i0>>}; separator="|">}}
      <else>
        <label>
      <endif>
    "
    <if(rest(transitions))>
      , shape=record, fixedsize=false
    <else>
      , shape=circle, fixedsize=true, width=.55
    <endif>
    , peripheries=1];
%>
```

```
stopstate(name,label,actionIndex,useBox) ::= <<
<name>[fontsize=11, label="<label><if(actionIndex)>,\naction:<actionIndex><endif>",
<if(useBox)>shape=polygon,sides=4,peripheries=2,fixedsize=false<else>shape=doublecircle, fixedsize=true,
width=.6<endif>];
>>
```

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/dot/graphs.stg

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

```
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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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*/

```
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):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/GrammarTreeVisitor.g

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* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/Cpp/Files.stg

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*/

/** How to generate rules derived from left-recursive rules.

* These rely on recRuleAltPredicate(),

* recRuleArg(), recRuleSetResultAction(), recRuleSetReturnAction()

* templates in main language.stg

*/

group LeftRecursiveRules;

recRule(ruleName, argName, primaryAlts, opAlts, setResultAction,

```

        userRetvals, leftRecursiveRuleRefLabels) ::=
<<
<ruleName><if(userRetvals)>
returns [<userRetvals>]<endif>
: ( { } <primaryAlts:{alt | <alt.altText> }; separator="\n      | ">
)
(
    <opAlts; separator="\n      | ">
)*
;
>>

```

```

recRuleAlt(alt, precOption, opPrec, pred) ::= <<
{<pred>}?<<precOption>=<opPrec>\> <alt.altText>
>>

```

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/LeftRecursiveRules.stg

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```


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*/

```
SwiftTypeInitMap ::= [  
  "Int": "0",  
  "Int64": "0",  
  "Float": "0.0",  
  "Double": "0.0",  
  "Bool": "false",  
  default: "nil" // anything other than a primitive type is an object  
]
```

```
SwiftTypeMap ::= [  
  "int": "Int",  
  "float": "Float",  
  "long": "Int64",  
  "double": "Double",  
  "bool": "Bool",  
  "boolean": "Bool",  
  default : key  
]
```

```
// args must be <object-model-object>,  
  <fields-resulting-in-STs>
```

```
accessLevelOpenOK(obj) ::= "<obj.accessLevel; null=\"open\">"  
accessLevelNotOpen(obj) ::= "<obj.accessLevel; null=\"public\">"
```

```
ParserFile(file, parser, namedActions, contextSuperClass) ::= <<  
  <fileHeader(file.grammarFileName, file.ANTLRVersion)>  
  <if(file.genPackage)>  
    <!package <file.genPackage>;!>  
  <endif>  
  <namedActions.header>  
  import Antlr4  
  
  <parser>  
>>
```

```
ListenerFile(file, header, namedActions) ::= <<  
  <fileHeader(file.grammarFileName, file.ANTLRVersion)>  
  <if(file.genPackage)>  
    <!package <file.genPackage>;!>  
  <endif>  
  <header>  
  import Antlr4
```

```
/**
```

* This interface defines a complete listener for a parse tree produced by

```

* {@link <file.parserName>}.
*/
<accessLevelNotOpen(file)> protocol <file.grammarName>Listener: ParseTreeListener {
  <file.listenerNames:{lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
* Enter a parse tree produced by the {@code <lname>}
* labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>}.
<else>
* Enter a parse tree produced by {@link <file.parserName>#<lname>}.
<endif>
- Parameters:
  - ctx: the parse tree
*/
func enter<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context)
/**
<if(file.listenerLabelRuleNames.(lname))>
* Exit a parse tree produced by the {@code <lname>}
* labeled alternative in {@link <file.parserName>#<file.listenerLabelRuleNames.(lname)>}.
<else>
* Exit a parse tree produced by {@link <file.parserName>#<lname>}.
<endif>
- Parameters:
  - ctx: the parse tree
*/
func exit<lname; format="cap">(_ ctx: <file.parserName>.<lname; format="cap">Context)); separator="\n">
}
>>

```

```

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>

```

```

import Antlr4

```

```

/**
* This class provides an empty implementation of {@link <file.grammarName>Listener},
* which can be extended to create a listener which only needs to handle
a subset
* of the available methods.
*/
<accessLevelOpenOK(file)> class <file.grammarName>BaseListener: <file.grammarName>Listener {
  <accessLevelNotOpen(file)> init() { \}
  <file.listenerNames:{lname |

```

```

/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
<accessLevelOpenOK(file)> func enter<lname; format="cap">(_ ctx: <file.parserName>.<lname;
format="cap">Context) { \}
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
<accessLevelOpenOK(file)> func exit<lname; format="cap">(_ ctx: <file.parserName>.<lname;
format="cap">Context) { \};; separator="\n">

/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
<accessLevelOpenOK(file)> func enterEveryRule(_ ctx: ParserRuleContext) throws { }
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
<accessLevelOpenOK(file)> func exitEveryRule(_ ctx: ParserRuleContext) throws { }
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
<accessLevelOpenOK(file)> func visitTerminal(_ node: TerminalNode) { }
/**
 * {@inheritDoc\}
 *
 * \<p>The default implementation does nothing.\</p>
 */
<accessLevelOpenOK(file)> func visitErrorNode(_ node: ErrorNode) { }
}
>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>

```

```

<endif>
<header>
import Antlr4

/**
 * This interface defines a complete generic visitor for a parse tree produced
 * by {@link <file.parserName>}.
 *
 * @param \<T> The return type of the visit operation. Use {@link Void} for
 * operations with no return type.
 */
<accessLevelOpenOK(file)> class <file.grammarName>Visitor\<T>: ParseTreeVisitor\<T> {
    <file.visitorNames:{lname |
/**
<if(file.visitorLabelRuleNames.(lname))>
 * Visit a parse tree produced by the {@code <lname>\}
 * labeled alternative in {@link <file.parserName>#<file.visitorLabelRuleNames.(lname)>\}.
<else>
 * Visit a parse tree produced by {@link <file.parserName>#<lname>\}.
<endif>
- Parameters:
- ctx: the parse tree
- returns: the visitor result
*/
<accessLevelOpenOK(file)> func visit<lname; format="cap">(_ ctx: <file.parserName>.<lname;
format="cap">Context) -> T {
    fatalError(#function + " must be overridden")
\}
}; separator="\n">
}
>>

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
<!package <file.genPackage>;!>
<endif>
<header>
import Antlr4

/**
 * This class provides an empty implementation of {@link <file.grammarName>Visitor},
 * which can be extended to create a visitor which only needs to handle a subset
 * of the available methods.
 *
 * @param \<T> The return type of the visit operation. Use {@link Void} for
 * operations with no return type.
 */

```

```

<accessLevelOpenOK(file)> class <file.grammarName>BaseVisitor<T>: AbstractParseTreeVisitor<T> {
  <file.visitorNames:{lname
  |
  /**
  * {@inheritDoc\}
  *
  * \<p>The default implementation returns the result of calling
  * {@link #visitChildren\} on {@code ctx\}.\</p>
  */
  <accessLevelOpenOK(file)> func visit<lname; format="cap">(_ ctx: <file.parserName>.<lname;
  format="cap">Context) -> T? { return visitChildren(ctx) \}}; separator="\n">
  }
>>

```

```

fileHeader(grammarFileName, ANTLRVersion) ::= <<
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>
>>

```

```

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

```

```

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<!!/@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})!>
<accessLevelOpenOK(parser)> class <parser.name>: <superClass; null="Parser"> {

```

```

  internal static var _decisionToDFA: [DFA] = {
    var decisionToDFA = [DFA]()
    let length = <parser.name>._ATN.getNumberOfDecisions()
    for i in 0..

```

```

  internal static let _sharedContextCache = PredictionContextCache()

```

```

  <if(parser.tokens)>
  <accessLevelNotOpen(parser)>
  enum Tokens: Int {
    case EOF = -1, <parser.tokens:{k | <k> = <parser.tokens.(k)>}; separator=", ", wrap, anchor>
  }
  <endif>

```

```

  <accessLevelNotOpen(parser)>
  <if(parser.rules)>

```

```

static let <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>
<endif>

<accessLevelNotOpen(parser)>
static let ruleNames: [String] = [
  <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
]

<vocabulary(parser.literalNames, parser.symbolicNames,
  accessLevelNotOpen(parser))>

override <accessLevelOpenOK(parser)>
func getGrammarFileName() -> String { return "<parser.grammarFileName; format="java-escape">" }

override <accessLevelOpenOK(parser)>
func
getRuleNames() -> [String] { return <parser.name>.ruleNames }

override <accessLevelOpenOK(parser)>
func getSerializedATN() -> String { return <parser.name>._serializedATN }

override <accessLevelOpenOK(parser)>
func getATN() -> ATN { return <parser.name>._ATN }

<namedActions.members>
<parser:(ctor)()>
<funcs; separator="\n">

<if(sempredFuncs)>
override <accessLevelOpenOK(parser)>
func sempred(_ _localctx: RuleContext?, _ ruleIndex: Int, _ predIndex: Int)throws -> Bool {
  switch (ruleIndex) {
    <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
return try <f.name>_sempred(_localctx?.castdown(<f.ctxType>.self), predIndex)); separator="\n">
    default: return true
  }
  <!return true;!>
}
  <sempredFuncs.values; separator="\n">
<endif>

<atn>

<accessLevelNotOpen(parser)>
static let _serializedATN = <parser.name>ATN().jsonString

<accessLevelNotOpen(parser)>

```

```

static let _ATN = ATNDeserializer().deserializeFromJson(_serializedATN)
}
>>

vocabulary(literalNames, symbolicNames,
  accessLevel) ::= <<
private static let _LITERAL_NAMES: [String?] = [
  <literalNames:{t | <t>}; null="nil", separator=", ", wrap, anchor>
]
private static let _SYMBOLIC_NAMES: [String?] = [
  <symbolicNames:{t | <t>}; null="nil", separator=", ", wrap, anchor>
]
<accessLevel>
static let VOCABULARY = Vocabulary(_LITERAL_NAMES, _SYMBOLIC_NAMES)
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
override <accessLevelOpenOK(parser)>
func action(_ _localctx: RuleContext?, _ ruleIndex: Int, _ actionIndex: Int) throws {
  switch (ruleIndex) {
    <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
  <f.name>_action((_localctx as <f.ctxType>?), actionIndex)
  }; separator="\n">
    default: break
  }
}
<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
override <accessLevelOpenOK(parser)>
func sempred(_ _localctx: RuleContext?, _ ruleIndex: Int, _ predIndex: Int) throws -> Bool {
  switch (ruleIndex) {
    <recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
    return
    try <f.name>_sempred(_localctx?.castdown(<f.ctxType>.self), predIndex); separator="\n">
    default: return true
  }
  <!return true;!>
}
<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p) ::= <<

```

```

override <accessLevelOpenOK(parser)>
func getVocabulary() -> Vocabulary {
    return <p.name>.VOCABULARY
}

override <accessLevelNotOpen(parser)>
init(_ input:TokenStream) throws {
    RuntimeMetaData.checkVersion("4.9.2", RuntimeMetaData.VERSION)
    try super.init(input)
    _interp = ParserATNSimulator(self,<p.name>._ATN,<p.name>._decisionToDFA,
<parser.name>._sharedContextCache)
}

>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<
private func <r.name>_action(_ _localctx: <r.ctxType>?, _ actionIndex: Int) {
    switch (actionIndex) {
    <actions:{index|
case <index>:
    <actions.(index)>
    }; separator="\n">
    default: break
    }
}
}
>>

/* This generates
a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
private func <r.name>_sempred(_ _localctx: <r.ctxType>!, _ predIndex: Int) throws -> Bool {
    switch (predIndex) {
    <actions:{index|
    case <index>:return <actions.(index)>}; separator="\n">
    default: return true
    }
    <!return true;!>
}
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<
<ruleCtx>

```



```

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
@discardableResult
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else> <accessLevelOpenOK(parser)> func
<endif><currentRule.name>(<if(first(args))>_ <endif><args; separator=", _">) throws -> <currentRule.ctxType> {
var _localctx: <currentRule.ctxType> = <currentRule.ctxType>(_ctx, getState())<currentRule.args:{a | ,
<a.name>}>)
try enterRule(_localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>)
<namedActions.init>
<locals;
separator="\n">
defer {
    <finallyAction>
    try! exitRule()
}
do {
<if(currentRule.hasLookaheadBlock)>
var _alt:Int
<endif>
    <code>
    <postamble; separator="\n">
    <namedActions.after>
}
<if(exceptions)>
<exceptions; separator="\n">
<else>
catch ANTLRException.recognition(let re) {
    _localctx.exception = re
    _errHandler.reportError(self, re)
    try _errHandler.recover(self, re)
}
<endif>

return _localctx
}
>>

```

```

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
namedActions,finallyAction,postamble) ::=
<<

```

```

<ruleCtx>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else> <accessLevelNotOpen(parser)> final <endif>
func <currentRule.name>(<if(first(args))>_ <endif><args; separator=", _">) throws -> <currentRule.ctxType> {
    return try <currentRule.name>(0<currentRule.args:{a | , <a.name>}>)
}
@discardableResult

```

```

private
func <currentRule.name>(_ _p<args:{a | , <a>}>: Int) throws -> <currentRule.ctxType> {
let _parentctx: ParserRuleContext? = _ctx
let _parentState: Int = getState()
var _localctx: <currentRule.ctxType> = <currentRule.ctxType>(_ctx, _parentState<currentRule.args:{a | ,
<a.name>}>)
var _prevctx: <currentRule.ctxType> = _localctx
let _startState: Int = <currentRule.startState>
try enterRecursionRule(_localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>, _p)
<namedActions.init>
<locals; separator="\n">
defer {
    <finallyAction>
    try! unrollRecursionContexts(_parentctx)
}
do {
<if(currentRule.hasLookaheadBlock)>
    var _alt: Int
<endif>
    <code>
    <postamble; separator="\n">
    <namedActions.after>
}
catch ANTLRException.recognition(let re) {
    _localctx.exception = re
    _errHandler.reportError(self, re)
    try _errHandler.recover(self, re)
}

return _localctx;
}
>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble,
ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
try enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>)
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<!/{!>
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
<!/{!>
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = try _input.LT(1)<endif>
<preamble; separator="\n">
switch (<parser.name>.Tokens(rawValue: try _input.LA(1))!) {
<choice.altLook,alts:{look,alt | <cases(ttypes=look)>
<alt>
break}; separator="\n">
default:
<error>
}
>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
switch (<parser.name>.Tokens(rawValue: try _input.LA(1))!)
{
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
<alt>
break}; separator="\n">
default:
break
}
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<preamble; separator="\n">
if (<expr>) {
<alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>

```

```

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
setState(<choice.stateNumber>)
try _errHandler.sync(self)
<preamble; separator="\n">
while (<loopExpr>) {
<alts; separator="\n">
setState(<choice.loopBackStateNumber>)
try _errHandler.sync(self)
<iteration>
}

```

```
>>
```

```
LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
  setState(<choice.blockStartStateNumber>) <! alt block decision !>
  try _errHandler.sync(self)
  <preamble; separator="\n">
  repeat {
    <alts; separator="\n">
    setState(<choice.stateNumber>); <! loopback/exit decision !>
    try _errHandler.sync(self)
    <iteration>
  } while (<loopExpr>)
>>
```

```
//
```

```
LL(*) stuff
```

```
AltBlock(choice, preamble, alts, error) ::= <<
  setState(<choice.stateNumber>)
  try _errHandler.sync(self)
  <if(choice.label)><labelref(choice.label)> = try _input.LT(1)<endif>
  <preamble; separator="\n">
  switch(try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)) {
    <alts:{alt |
  case <i>:
    <alt>
    break}; separator="\n">
  default: break
  }
>>
```

```
OptionalBlock(choice, alts, error) ::= <<
  setState(<choice.stateNumber>)
  try _errHandler.sync(self)
  switch (try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)) {
    <alts:{alt |
  case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
    break}; separator="\n">
  default: break
  }
>>
```

```
StarBlock(choice, alts, sync, iteration) ::= <<
  setState(<choice.stateNumber>)
  try _errHandler.sync(self)
  _alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
  while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER) {
```

```

if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
  <iteration>
  <alts> <! should
only be one !>
}
setState(<choice.loopBackStateNumber>)
try _errHandler.sync(self)
_alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
}
>>

```

```

PlusBlock(choice, alts, error) ::= <<
setState(<choice.blockStartStateNumber>); <! alt block decision !>
try _errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
repeat {
  switch ( _alt ) {
    <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
break}; separator="\n">
default:
    <error>
  }
  setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>
  try _errHandler.sync(self)
  _alt = try getInterpreter().adaptivePredict(_input,<choice.decision>,_ctx)
} while ( _alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER)
>>

```

```

Sync(s) ::= "sync(<s.expecting.name>);"

```

```

ThrowNoViableAlt(t) ::= "throw ANTLRException.recognition(e: NoViableAltException(self))"

```

```

TestSetInline(s) ::= <<
<!(<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">!)>
//closure
{ () -> Bool in
  <if(rest(s.bitsets))>var<else>let<endif> testSet: Bool = <first(s.bitsets):{bits |
<if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s, bits)><endif>}>
  <rest(s.bitsets):{bits | testSet = testSet || <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s,
bits)><else><bitsetInlineComparison(s, bits)><endif>}; separator="\n">
  return testSet
}()
>>

```

```

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test

```

```

testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <<
<!(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((1 \<\< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ttype | (1 \<\< <offsetShift(ttype, bits.shift)>}); separator=" | ">)) != 0)!>
{ 0
-> Bool in
  <! let test: Bool = (<testShiftInRange({<offsetShift(s.varName, bits.shift)>})>)>!>
  <!var temp: Int64 = Int64(<offsetShift(s.varName, bits.shift)>)>!>
  <!temp = (temp \< 0) ? (64 + (temp % 64)) : (temp % 64)>!>
  <!let test1: Int64 = (Int64(1) \<\< temp)>!>
  <!var test2: Int64 = (<first(bits.ttypes):{ttype | Utils.bitLeftShift(<offsetShift(parserName(ttype), bits.shift)>)}>)>!>
  <!(<rest(bits.ttypes):{ttype | test2 = test2 | Utils.bitLeftShift(<offsetShift(parserName(ttype), bits.shift)>)}>);
separator="\n">!>
  let testArray: [Int] = [<s.varName>, <bits.ttypes:{ttype | <parserName(ttype)>}; separator=", ">]
  <!var test2: Int64 = Utils.testBitLeftShiftArray(testArray)>!>
  return Utils.testBitLeftShiftArray(testArray, <bits.shift>)
}()
>>

isZero ::= [
"0": true,
default: false
]
parserName(ttype) ::= <%
<parser.name>.Tokens.<ttype>.rawValue
%>
offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

//
produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName> == <parser.name>.Tokens.<ttype>.rawValue}; separator=" || ">
%>

cases(ttypes) ::= <<
<trunc(ttypes): {t | case .<t>:fallthrough} ; separator="\n">
<last(ttypes): {t | case .<t>:} ; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
setState(<r.stateNumber>)
<if(r.labels)>

```

```

try {
  let assignmentValue = try
<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>)
  <r.labels:{l | <labelref(l)> = assignmentValue} ; separator="\n">
    }()
<else>try
<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>)<endif>
>>

```

```

MatchToken(m) ::= <<
setState(<m.stateNumber>)
<if(m.labels)>
try {
  let assignmentValue = try match(<parser.name>.Tokens.<m.name>.rawValue)
  <m.labels:{l | <labelref(l)> = assignmentValue} ; separator="\n">
    }()
<else>try match(<parser.name>.Tokens.<m.name>.rawValue)<endif>
>>

```

```

MatchSet(m,
  expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

```

```

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

```

```

CommonSetStuff(m, expr, capture, invert) ::= <<
setState(<m.stateNumber>)
<if(m.labels)><m.labels:{l | <labelref(l)> = }>try _input.LT(1)<endif>
<capture>
if (<if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>)) {
  <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>try _errHandler.recoverInline(self)<if(m.labels)> as
  Token<endif>
}
else {
  _errHandler.reportMatch(self)
  try consume()
}
>>

```

```

Wildcard(w) ::= <<
setState(<w.stateNumber>)
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>try matchWildcard();
>>

```

```

// ACTION STUFF

```

```

Action(a, foo, chunks) ::= "<chunks>"

```

```

ArgAction(a, chunks) ::= "<chunks>"

```

```

SemPred(p, chunks, failChunks) ::= <<
setState(<p.stateNumber>)
if (!(<chunks>)) {
    throw ANTLRException.recognition(e:FailedPredicateException(self, <p.predicate><if(failChunks)>,
    <failChunks><elseif(p.msg)>, <p.msg><endif>))
}
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
    <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "skip()"
LexerMoreCommand() ::= "more()"
LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg)    ::= "_type = <arg>"
LexerChannelCommand(arg) ::= "_channel = <arg>"
LexerModeCommand(arg)    ::= "_mode = <arg>"
LexerPushModeCommand(arg) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValRef(a) ::= "_localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType()
    ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getText()! : \"\")"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getType() : 0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getLine() : 0)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getCharPositionInLine() : 0)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getChannel() : 0)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label> != nil ? <ctx(t)>.<t.label>!.getTokenIndex() : 0)"

```



```

TokenPropertyRef_int(t) ::= "<ctx(t)>.<t.label> != nil ? Int(<ctx(t)>.<t.label>!.getText()!) : 0)"

RulePropertyRef_start(r) ::= "<ctx(r)>.<r.label> != nil ? (<ctx(r)>.<r.label>!.start?.description ?? \"\") : \"\""
RulePropertyRef_stop(r) ::= "<ctx(r)>.<r.label> != nil ? (<ctx(r)>.<r.label>!.stop?.description ?? \"\") : \"\""
RulePropertyRef_text(r)
::= "<ctx(r)>.<r.label> != nil ? try _input.getText(<ctx(r)>.<r.label>!.start,<ctx(r)>.<r.label>!.stop) : \"\""
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r) ::= "_localctx.stop"
ThisRulePropertyRef_text(r) ::= "(try _input.getText(_localctx.start, try _input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s) ::= "(<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::=
"(<s.ruleName; format=\"cap\">Context)getInvokingContext(<s.ruleIndex>)).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "<t.name>: <SwiftTypeMap.(TokenLabelType())>!"
TokenTypeDecl(t) ::= "var <t.name>: Int = 0"
TokenListDecl(t) ::= "<t.name>: [Token] = [Token]()"
RuleContextDecl(r)
::= "<r.name>: <r.ctxName>!"
RuleContextListDecl(rdecl) ::= "<rdecl.name>: [<rdecl.ctxName>] = [<rdecl.ctxName>]()"

ContextTokenGetterDecl(t) ::= <<
<accessLevelOpenOK(parser)>
func <t.name>() -> TerminalNode? {
    return getToken(<parser.name>.Tokens.<t.name>.rawValue, 0)
}
>>

ContextTokenListGetterDecl(t) ::= <<
<accessLevelOpenOK(parser)>
func <t.name>() -> [TerminalNode] {
    return getTokens(<parser.name>.Tokens.<t.name>.rawValue)
}
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
<accessLevelOpenOK(parser)>
func <t.name>(_ i:Int) -> TerminalNode? {
    return getToken(<parser.name>.Tokens.<t.name>.rawValue, i)
}
>>

ContextRuleGetterDecl(r) ::= <<
<accessLevelOpenOK(parser)>

```

```

func <r.name>() -> <r.ctxName>? {
  return getRuleContext(<r.ctxName>.self, 0)
}
>>

ContextRuleListGetterDecl(r) ::= <<
  <accessLevelOpenOK(parser)>
  func <r.name>() -> [<r.ctxName>] {
    return getRuleContexts(<r.ctxName>.self)
  }
>>

ContextRuleListIndexedGetterDecl(r) ::= <<
  <accessLevelOpenOK(parser)>
  func
  <r.name>(_ i: Int) -> <r.ctxName>? {
    return getRuleContext(<r.ctxName>.self, i)
  }
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = try _input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = try _input.LA(1)"

StructDecl(struct,ctorAttrs,attrs,getters,dispatchMethods,interfaces,extensionMembers,
  superClass={ParserRuleContext}) ::= <<

<accessLevelNotOpen(parser)> class <struct.name>:
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)>, <interfaces>
separator=", "><endif> {
  <attrs:{a | <accessLevelOpenOK(parser)> var <a>}; separator="\n">
  <getters:{g | <g>}; separator="\n">
  <!--
  <if(ctorAttrs)> <accessLevelNotOpen(parser)> init(_ parent: ParserRuleContext,_ invokingState: Int) {
super.init(parent, invokingState) }<endif> !>
  <if(ctorAttrs)>
  <accessLevelNotOpen(parser)> convenience init(_ parent: ParserRuleContext?, _ invokingState: Int<ctorAttrs:{a | ,
_ <a>}> ) {
    self.init(parent, invokingState)

```

```

    <struct.ctorAttrs:{a | self.<a.name> = <a.name>;}; separator="\n">
  }
<endif>

override <accessLevelOpenOK(parser)>
func getRuleIndex() -> Int {
  return <parser.name>.RULE_<struct.derivedFromName>
}
<if(struct.provideCopyFrom && struct.attrs)> <! don't need copy unless we have subclasses !>
<accessLevelOpenOK(parser)>
override func copyFrom(_ ctx_: ParserRuleContext) {
  super.copyFrom(ctx_)
  let ctx = ctx_ as! <struct.name>
  <struct.attrs:{a | self.<a.name> = ctx.<a.name>;}; separator="\n">
}
<endif>
<dispatchMethods; separator="\n">
<extensionMembers; separator="\n">
}
>>

AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<
<accessLevelNotOpen(parser)>
class <struct.name>: <currentRule.name; format="cap">Context {
  <attrs:{a | <accessLevelNotOpen(parser)> var <a>;}; separator="\n">
  <getters:{g | <g>;}; separator="\n">

  <accessLevelNotOpen(parser)>
  init(_ ctx: <currentRule.name; format="cap">Context) {
    super.init()
    copyFrom(ctx)
  }
  <dispatchMethods; separator="\n">
}
>>

ListenerDispatchMethod(method) ::= <<
override <accessLevelOpenOK(parser)>
func <if(method.isEnter)>enter<else>exit<endif>Rule(_ listener: ParseTreeListener) {
  if let listener = listener as? <parser.grammarName>Listener {
    listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)
  }
}
>>

VisitorDispatchMethod(method) ::= <<
override <accessLevelOpenOK(parser)>
func accept<T>(_ visitor: ParseTreeVisitor<T>) -> T? {

```

```

if let visitor = visitor as? <parser.grammarName>Visitor {
    return visitor.visit<struct.derivedFromName; format="cap">(self)
}
else if let visitor = visitor as? <parser.grammarName>BaseVisitor
{
    return visitor.visit<struct.derivedFromName; format="cap">(self)
}
else {
    return visitor.visitChildren(self)
}
}
>>

```

```

AttributeDecl(d) ::= "<d.name>: <SwiftTypeMap.(d.type)><if(d.initValue)> = <d.initValue><else>!<endif>"

```

```

/** If we don't know location of label def x, use this template (_localctx as! <x.ctx.name> */
labelref(x) ::= "<if(!x.isLocal)>_localctx.castdown(<x.ctx.name>.self).<endif><x.name>"

```

```

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "_localctx.castdown(<actionChunk.ctx.name>.self)"

```

```

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "precpred(_ctx, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name>=$<src>.<name>"
recRuleSetStopToken() ::= "_ctx!.stop = try _input.LT(-1)"

```

```

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
    _localctx = <ctxName>Context(_parentctx, _parentState);
    <if(label)>
    <if(isListLabel)>
        _localctx.<label>.append(_prevctx)
    <else>
        _localctx.<label>
        = _prevctx
    <endif>
    <endif>
    <if(label)>_localctx.<label> = _prevctx;<endif>
    try pushNewRecursionContext(_localctx, _startState, <parser.name>.RULE_<ruleName>)
>>

```

```

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
    _localctx = <currentAltLabel; format="cap">Context( <ruleName; format="cap">Context(_parentctx,
    _parentState))
    <if(label)>
    <if(isListLabel)>
        (_localctx as! <currentAltLabel; format="cap">Context).<label>.append(_prevctx)
    <else>
        (_localctx as! <currentAltLabel; format="cap">Context).<label> = _prevctx

```

```

<endif>
<endif>
try pushNewRecursionContext(_localctx, _startState, <parser.name>.RULE_<ruleName>)
>>

```

```

recRuleReplaceContext(ctxName) ::= <<
  _localctx = <ctxName>Context(_localctx)
  _ctx = _localctx
  _prevctx = _localctx
>>

```

```

recRuleSetPrevCtx() ::= <<
  if _parseListeners != nil {
    try triggerExitRuleEvent()
  }
  _prevctx = _localctx
>>

```

```

LexerFile(lexerFile, lexer, namedActions) ::= <<
  <fileHeader(lexerFile.grammarFileName,
    lexerFile.ANTLRVersion)>
  <if(lexerFile.genPackage)>
  <!package <lexerFile.genPackage>;!>
  <endif>
  <namedActions.header>
  import Antlr4

```

```

<lexer>
>>

```

```

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
  <accessLevelOpenOK(lexer)> class <lexer.name>: <superClass; null="Lexer"> {

  internal static var _decisionToDFA: [DFA] = {
    var decisionToDFA = [DFA]()
    let length = <lexer.name>._ATN.getNumberOfDecisions()
    for i in 0..

```

```

  internal static let _sharedContextCache = PredictionContextCache()

```

```

  <accessLevelNotOpen(lexer)>
  <if(lexer.tokens)>
  static let <lexer.tokens>:{k | <k>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>

```

```

<endif>

<if(lexer.channels)>
<accessLevelNotOpen(lexer)>
static let <lexer.channels:{k | <k>=<lexer.channels.(k)>}>;
separator=", ", wrap, anchor>
<endif>
<if(rest(lexer.modes))>
<accessLevelNotOpen(lexer)>
static let <rest(lexer.modes):{m | <m>=<i>}>; separator=", ", wrap, anchor>
<endif>
<accessLevelNotOpen(lexer)>
static let channelNames: [String] = [
  "DEFAULT_TOKEN_CHANNEL", "HIDDEN"<if (lexer.channels)>, <lexer.channels:{c | "<c>"}>; separator=", ",
wrap, anchor><endif>
]

<accessLevelNotOpen(lexer)>
static let modeNames: [String] = [
  <lexer.modes:{m | "<m>"}>; separator=", ", wrap, anchor>
]

<accessLevelNotOpen(lexer)>
static let ruleNames: [String] = [
  <lexer.ruleNames:{r | "<r>"}>; separator=", ", wrap, anchor>
]

<vocabulary(lexer.literalNames, lexer.symbolicNames,
  accessLevelNotOpen(lexer))>

<namedActions.members>

override <accessLevelOpenOK(lexer)>
func getVocabulary() -> Vocabulary {
  return <lexer.name>.VOCABULARY
}

<accessLevelNotOpen(lexer)>
required init(_ input: CharStream) {
  RuntimeMetaData.checkVersion("<lexerFile.ANTLRVersion>",
RuntimeMetaData.VERSION)
  super.init(input)
  _interp = LexerATNSimulator(self, <lexer.name>._ATN, <lexer.name>._decisionToDFA,
<lexer.name>._sharedContextCache)
}

override <accessLevelOpenOK(lexer)>
func getGrammarFileName() -> String { return "<lexer.grammarFileName>" }

```

```

override <accessLevelOpenOK(lexer)>
func getRuleNames() -> [String] { return <lexer.name>.ruleNames }

override <accessLevelOpenOK(lexer)>
func getSerializedATN() -> String { return <lexer.name>._serializedATN }

override <accessLevelOpenOK(lexer)>
func getChannelNames() -> [String] { return <lexer.name>.channelNames }

override <accessLevelOpenOK(lexer)>
func getModeNames() -> [String] { return <lexer.name>.modeNames }

override <accessLevelOpenOK(lexer)>
func getATN() -> ATN { return <lexer.name>._ATN }

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>

<accessLevelNotOpen(lexer)>
static let _serializedATN: String = <lexer.name>ATN().jsonString

<accessLevelNotOpen(lexer)>
static
let _ATN: ATN = ATNDeserializer().deserializeFromJson(_serializedATN)
}
>>

/** Don't need to define anything. The tool generates a XParserATN.swift file (and same for lexer)
 * which is referenced from static field _serializedATN. This json string is passed to
 * deserializeFromJson(). Note this is not the "serialization as array of ints" that other targets
 * do. It is more or less the output of ATNPrinter which gets read back in.
 */
SerializedATN(model) ::= <<
>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<SwiftTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".swift"

Found in path(s):
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/Swift/Swift.stg

```

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

```
/*
 * [The "BSD license"]
 * Copyright (c) 2012-2016 Terence Parr
 * Copyright (c) 2012-2016 Sam Harwell
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
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 *    notice, this list of conditions and the following disclaimer.
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 * NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 * DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 * THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
 * THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */

phpTypeInitMap ::= [
    "int": "0",
    "long": "0",
    "float": "0.0",
    "double": "0.0",
    "boolean": "false",
    default: "null"
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
    <fileHeader(file.grammarFileName, file.ANTLRVersion)>
    <parser>
    >>
```



```

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName,
file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage>;
<endif>
<header>
use Antlr\\Antlr4\\Runtime\\Tree\\ParseTreeListener;

/**
 * This interface defines a complete listener for a parse tree produced by
 * {@see <file.parserName>}.
 */
interface <file.grammarName>Listener extends ParseTreeListener {
    <file.listenerNames:{lname |
/**
<if(file.listenerLabelRuleNames.(lname))>
 * Enter a parse tree produced by the `<lname>`
 * labeled alternative in {@see <file.parserName>::<file.listenerLabelRuleNames.(lname)>()}.
<else>
 * Enter a parse tree produced by {@see <file.parserName>::<lname>()}.
<endif>
 * @param $context The parse tree.
 */
public function enter<lname; format="cap">(Context\\<lname; format="cap">Context $context) : void;
/**
<if(file.listenerLabelRuleNames.(lname))>
 * Exit a parse tree produced by the `<lname>` labeled alternative
 * in {@see <file.parserName>::<file.listenerLabelRuleNames.(lname)>()}.
<else>
 * Exit a parse
 * tree produced by {@see <file.parserName>::<lname>()}.
<endif>
 * @param $context The parse tree.
 */
public function exit<lname; format="cap">(Context\\<lname; format="cap">Context $context) : void;};
separator="\n">
}
>>

```

```

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage>;
<endif>
<header>

```

```

use Antlr\Antlr4\Runtime\ParserRuleContext;
use Antlr\Antlr4\Runtime\Tree\ErrorNode;
use Antlr\Antlr4\Runtime\Tree\TerminalNode;

/**
 * This class provides an empty implementation of {@see <file.grammarName>Listener},
 * which can be extended to create a listener which only needs to handle a subset
 * of the available methods.
 */
class <file.grammarName>BaseListener implements <file.grammarName>Listener
{
    <file.listenerNames:{lname |
/**
 * {@inheritdoc\}
 *
 * The default implementation does nothing.
 */
public function enter<lname; format="cap">(Context\<lname; format="cap">Context
    $context) : void {}

/**
 * {@inheritdoc\}
 *
 * The default implementation does nothing.
 */
public function exit<lname; format="cap">(Context\<lname; format="cap">Context $context) : void {}
separator="\n">

/**
 * {@inheritdoc\}
 *
 * The default implementation does nothing.
 */
public function enterEveryRule(ParserRuleContext $context) : void {}

/**
 * {@inheritdoc\}
 *
 * The default implementation does nothing.
 */
public function exitEveryRule(ParserRuleContext $context) : void {}

/**
 * {@inheritdoc\}
 *
 * The default implementation does nothing.
 */
public function visitTerminal(TerminalNode $node) : void {}

```

```

/**
 * {@inheritdoc}
 *
 * The default implementation does nothing.
 */
public function visitErrorNode(ErrorNode $node) : void {}
}
>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage>;
<endif>

<header>
use Antlr\Antlr4\Runtime\Tree\ParseTreeVisitor;

/**
 * This interface defines a complete generic visitor for a parse tree produced by {@see <file.parserName>}.
 */
interface <file.grammarName>Visitor extends ParseTreeVisitor
{
    <file.visitorNames:{lname |
/**
<if(file.visitorLabelRuleNames.(lname))>
 * Visit a parse tree produced by the `<lname>` labeled alternative
 * in {@see <file.parserName>::<file.visitorLabelRuleNames.(lname)>()}.
<else>
 * Visit a parse tree produced by {@see <file.parserName>::<lname>()}.
<endif>
    *
    * @param Context\<lname; format="cap">Context $context The parse tree.
    *
    * @return mixed The visitor result.
    */
    public function visit<lname; format="cap">(Context\<lname; format="cap">Context $context);};
    separator="\n\n"
}
>>

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage>;
<endif>
<header>

```

```

use Antlr\Antlr4\Runtime\Tree\AbstractParseTreeVisitor;

/**
 * This class provides
 * an empty implementation of {@see <file.grammarName>Visitor},
 * which can be extended to create a visitor which only needs to handle a subset
 * of the available methods.
 */
class <file.grammarName>BaseVisitor extends AbstractParseTreeVisitor implements <file.grammarName>Visitor
{
    <file.visitorNames:{lname |
/**
 * {@inheritdoc}
 *
 * The default implementation returns the result of calling
 * {@see self::visitChildren()} on `context`.
 */
public function visit<lname; format="cap">(Context\<lname; format="cap">Context $context)
{
    return $this->visitChildren($context);
\}}; separator="\n\n"
}
>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<
\<?php

/*
 * Generated from <grammarFileName> by ANTLR <ANTLRVersion>
 */

>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
namespace<if(file.genPackage)> <file.genPackage><endif> {
<if(namedActions.header)><namedActions.header><endif>
use
Antlr\Antlr4\Runtime\Atn\ATN;
use Antlr\Antlr4\Runtime\Atn\ATNDeserializer;
use Antlr\Antlr4\Runtime\Atn\ParserATNSimulator;
use Antlr\Antlr4\Runtime\Dfa\DFA;
use Antlr\Antlr4\Runtime>Error\Exceptions\FailedPredicateException;
use Antlr\Antlr4\Runtime>Error\Exceptions\NoViableAltException;
use Antlr\Antlr4\Runtime\PredictionContexts\PredictionContextCache;
use Antlr\Antlr4\Runtime>Error\Exceptions\RecognitionException;

```

```

use Antlr\\Antlr4\\Runtime\\RuleContext;
use Antlr\\Antlr4\\Runtime\\Token;
use Antlr\\Antlr4\\Runtime\\TokenStream;
use Antlr\\Antlr4\\Runtime\\Vocabulary;
use Antlr\\Antlr4\\Runtime\\VocabularyImpl;
use Antlr\\Antlr4\\Runtime\\RuntimeMetaData;
use Antlr\\Antlr4\\Runtime\\Parser;
<if(namedActions.definitions)><namedActions.definitions><endif>

final class <parser.name> extends <superClass; null="Parser">
{
    <if(parser.tokens)>
    public const <parser.tokens:{k | <k> = <parser.tokens.(k)>}; separator=",
", wrap, anchor>;
    <endif>

    <if(parser.rules)>
    public const <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
    <endif>

    /**
     * @var array<string>
     */
    public const RULE_NAMES = [
        <parser.ruleNames:{r | '<r>'}; separator=", ", wrap, anchor>
    ];

    <vocabulary(parser.literalNames, parser.symbolicNames)>

    <atn>
    protected static $atn;
    protected static $decisionToDFA;
    protected static $sharedContextCache;
    <if(namedActions.members)>

    <namedActions.members>
    <endif>

    <parser:(ctor)()>

    private static function initialize() : void
    {
        if (self::$atn !== null) {
            return;
        }

        RuntimeMetaData::checkVersion('<file.ANTLRVersion>', RuntimeMetaData::VERSION);

```

```

$atn = (new ATNDeserializer())->deserialize(self::SERIALIZED_ATN);

$decisionToDFA = [];
for ($i = 0, $count = $atn->getNumberOfDecisions(); $i < $count; $i++) {
    $decisionToDFA[] = new DFA($atn->getDecisionState($i), $i);
}

self::$atn = $atn;
self::$decisionToDFA
= $decisionToDFA;
self::$sharedContextCache = new PredictionContextCache();
}

public function getGrammarFileName() : string
{
    return "<parser.grammarFileName>";
}

public function getRuleNames() : array
{
    return self::RULE_NAMES;
}

public function getSerializedATN() : string
{
    return self::SERIALIZED_ATN;
}

public function getATN() : ATN
{
    return self::$atn;
}

public function getVocabulary() : Vocabulary
{
    static $vocabulary;

    return $vocabulary = $vocabulary ?? new VocabularyImpl(self::LITERAL_NAMES, self::SYMBOLIC_NAMES);
}
<if(funcs)>

    <funcs; separator="\n\n">
<endif>
<if(sempredFuncs)>

public function sempred(?RuleContext $localContext, int $ruleIndex, int $predicateIndex) : bool
{

```

```

switch ($ruleIndex) {
    <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
    return $this->sempred<f.name; format="cap">($localContext, $predicateIndex);}; separator="\n\n">

    default:
    return
true;
    }
}

    <sempredFuncs.values; separator="\n\n">
<endif>
    }
}

namespace <if(file.genPackage)><file.genPackage>\<endif>Context {
    use Antlr\Antlr4\Runtime\ParserRuleContext;
    use Antlr\Antlr4\Runtime\Token;
    use Antlr\Antlr4\Runtime\Tree\ParseTreeVisitor;
    use Antlr\Antlr4\Runtime\Tree\TerminalNode;
    use Antlr\Antlr4\Runtime\Tree\ParseTreeListener;
    use <if(file.genPackage)><file.genPackage>\<endif><parser.name>;
    <if (file.genVisitor)>use <if(file.genPackage)><file.genPackage>\<endif><file.grammarName>Visitor;<endif>
    <if (file.genListener)>use <if(file.genPackage)><file.genPackage>\<endif><file.grammarName>Listener;<endif>
    <namedActions.contexts>

    <funcs :{ func | <func.ruleCtx><if(func.altLabelCtxs)>

<func.altLabelCtxs:{l | <func.altLabelCtxs(l)>}; separator="\n\n"><endif> }; separator="\n\n">
    }
>>

vocabulary(literalNames, symbolicNames) ::= <<
/**
 * @var array<string|null>
 */
private const LITERAL_NAMES = [
    <literalNames:{t
    | <t>}; null="null", separator=" ", wrap, anchor>
];

/**
 * @var array<string>
 */
private const SYMBOLIC_NAMES = [
    <symbolicNames:{t | <t>}; null="null", separator=" ", wrap, anchor>
];

```

```
>>
```

```
dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<  
<if(actionFuncs)>
```

```
public function action(?RuleContext $localContext, int $ruleIndex, int $actionIndex) : void  
{  
    switch ($ruleIndex) {  
        <recog.actionFuncs.values:{f|  
            case <f.ruleIndex>:  
                $this->action<f.name; format="cap">($localContext, $actionIndex);  
                break;}; separator="\n\n">  
    }  
}
```

```
<actionFuncs.values; separator="\n">  
<endif>  
<if(sempredFuncs)>
```

```
public function sempred(?RuleContext $localContext, int $ruleIndex, int $predicateIndex) : bool  
{  
    switch ($ruleIndex) {  
        <recog.sempredFuncs.values:{f|  
            case <f.ruleIndex>:  
                return $this->sempred<f.name; format="cap">($localContext, $predicateIndex);}; separator="\n\n">  
    }  
}
```

```
    return true;  
}  
<sempredFuncs.values; separator="\n\n">  
<endif>  
>>
```

```
parser_ctor(p) ::= <<
```

```
public  
    function __construct(TokenStream $input)  
{  
        parent::__construct($input);
```

```
        self::initialize();
```

```
        $this->interp = new ParserATNSimulator($this, self::$atn, self::$decisionToDFA, self::$sharedContextCache);  
    }  
>>
```

```
/**
```

```
 * This generates a private method since the actionIndex is generated, making  
 * an overriding implementation impossible to maintain.
```



```

*/
RuleActionFunction(r, actions) ::= <<
private function action<r.name; format="cap">(<r.ctxType> $localContext, int $actionIndex) : void
{
    switch ($actionIndex) {
        <actions:{index|
        case <index>:
        <actions.(index)>

    break;}}; separator="\n\n">
    }
}
>>

/**
 * This generates a private method since the predicateIndex is generated, making
 * an overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
private function sempred<r.name; format="cap">(<Context\<r.ctxType> $localContext, int $predicateIndex) : bool
{
    switch ($predicateIndex) {
        <actions:{index|
        case <index>:
            return <actions.(index)>;};
    separator="\n\n">
    }

    return true;
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,exceptions,postamble)
::= <<
/**
 * @throws RecognitionException
 */
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><endif>public function <currentRule.name>(<args;
separator=", ">) : Context\<currentRule.ctxType>
{
    $localContext = new Context\<currentRule.ctxType>($this->ctx, $this->getState())<currentRule.args:{a | ,
$a.name}>}>;

    $this->enterRule($localContext, <currentRule.startState>, self::RULE_<currentRule.name>);
    <namedActions.init>
    <locals; separator="\n">

    try {

```

```

<code>
<postamble; separator="\n">
<namedActions.after>
} <if(exceptions)><exceptions; separator="\n"><else> catch (RecognitionException $exception) {
    $localContext->exception = $exception;
    $this->errorHandler->reportError($this, $exception);
    $this->errorHandler->recover($this, $exception);

} <endif> finally {
    <finallyAction>
    $this->exitRule();
}

return $localContext;
}
>>

```

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble) ::= <<

/**

* @throws RecognitionException

*/

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><endif>public function <currentRule.name>(<args; separator=", ">) : Context\\<currentRule.ctxType>

{

return \$this->recursive<currentRule.name; format="cap">(0<currentRule.args:{a | , <a.name>}>);

}

/**

* @throws RecognitionException

*/

private function recursive<currentRule.name; format="cap">(int \$precedence<args:{a | , <a>}>) :

Context\\<currentRule.ctxType>

{

\$parentContext = \$this->ctx;

\$parentState = \$this->getState();

\$localContext = new Context\\<currentRule.ctxType>(\$this->ctx, \$parentState<currentRule.args:{a | , <a.name>}>);

\$previousContext = \$localContext;

\$startState = <currentRule.startState>;

\$this->enterRecursionRule(\$localContext, <currentRule.startState>,

self::RULE_<currentRule.name>, \$precedence);

<namedActions.init>

<locals; separator="\n">

try {

<code>

<postamble; separator="\n">

```

    <namedActions.after>
  } catch (RecognitionException $exception) {
    $localContext->exception = $exception;
    $this->errorHandler->reportError($this, $exception);
    $this->errorHandler->recover($this, $exception);
  } finally {
    <finallyAction>
    $this->unrollRecursionContexts($parentContext);
  }

  return $localContext;
}
>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
  <if(currentOuterMostAltCodeBlock.altLabel)>$localContext = new
  Context\\<currentOuterMostAltCodeBlock.altLabel; format="cap">Context($localContext);<endif>
  $this->enterOuterAlt($localContext, <currentOuterMostAltCodeBlock.alt.altNum>);
  <CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
  <locals; separator="\n">
  <preamble; separator="\n">
  <ops;
  separator="\n">
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
  $this->setState(<choice.stateNumber>);
  $this->errorHandler->sync($this);
  <if(choice.label)><labelref(choice.label)> = $this->input->LT(1);<endif>
  <preamble; separator="\n">

```

```

  switch ($this->input->LA(1)) {
    <choice.altLook,alts:{look,alt| <cases(ttypes=look)>
    <alt>
    break;}; separator="\n\n">

```

```

  default:
    <error>
  }
>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
  $this->setState(<choice.stateNumber>);
  $this->errorHandler->sync($this);

```

```

switch ($this->input->LA(1)) {
    <choice.altLook,alts:{look,alt| <cases(ttypes=look)>
    <alt>
    break;}; separator="\n\n">

default:
    break;
}
>>

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);
<preamble; separator="\n">

if (<expr>) {
    <alts; separator="\n">
}
>>

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);

<preamble;
separator="\n">
while (<loopExpr>) {
    <alts; separator="\n">
    $this->setState(<choice.loopBackStateNumber>);
    $this->errorHandler->sync($this);
    <iteration>
}
>>

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
$this->setState(<choice.blockStartStateNumber>); <! alt block decision !>
$this->errorHandler->sync($this);

<preamble; separator="\n">
do {
    <alts; separator="\n">
    $this->setState(<choice.stateNumber>); <! loopback/exit decision !>
    $this->errorHandler->sync($this);
    <iteration>
} while (<loopExpr>);
>>

// LL(*) stuff

```

```

AltBlock(choice, preamble, alts, error) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);
<if(choice.label)><labelref(choice.label)> = $this->input->LT(1);<endif>
<preamble; separator="\n">

switch ($this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx)) {
  <alts:{alt |
case <i>:
  <alt>
break;}; separator="\n\n">
}
>>

```

```

OptionalBlock(choice,
alts, error) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);

switch ($this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx)) {
  <alts:{alt |
    case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
break;}; separator="\n\n">
}
>>

```

```

StarBlock(choice, alts, sync, iteration) ::= <<
$this->setState(<choice.stateNumber>);
$this->errorHandler->sync($this);

$alt = $this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx);

while ($alt !== <choice.exitAlt> && $alt !== ATN::INVALID_ALT_NUMBER) {
  if ($alt === 1<if(!choice.ast.greedy)>+1<endif>) {
    <iteration>
    <alts> <! should only be one !>
  }

  $this->setState(<choice.loopBackStateNumber>);
  $this->errorHandler->sync($this);

  $alt = $this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx);
}
>>

```

```

PlusBlock(choice, alts, error) ::= <<

```

```

$this->setState(<choice.blockStartStateNumber>); <! alt block
decision !>
$this->errorHandler->sync($this);

$alt = 1<if(!choice.ast.greedy)>+1<endif>;

do {
  switch ($alt) {
    <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
    break;}; separator="\n\n">
  default:
    <error>
  }

  $this->setState(<choice.loopBackStateNumber>); <! loopback/exit decision !>
  $this->errorHandler->sync($this);

  $alt = $this->getInterpreter()->adaptivePredict($this->input, <choice.decision>, $this->ctx);
} while ($alt !== <choice.exitAlt> && $alt !== ATN::INVALID_ALT_NUMBER);
>>

Sync(s) ::= "sync(<s.expecting.name>);"

ThrowNoViableAlt(t) ::= "throw new NoViableAltException($this);"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) === 0
>>

// produces smaller bytecode
only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})> && ((1 \<\< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftConst(ttype, bits.shift)>)}; separator=" | ">)) !== 0)
%>

isZero ::= [
  "0":true,
  default:false
]

```

```

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>($<shiftAmount> - <offset>)<else>$<shiftAmount><endif>
%>
offsetShiftConst(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(self::<shiftAmount> - <offset>)<else>self::<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | $<s.varName> === self::<ttype>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case self::<t>:}; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
$this->setState(<r.stateNumber>);
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>$this-><if(r.ast.options.p)>recursive<r.name>;
format="cap"><else><r.name><endif>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif>
<argExprsChunks>);
>>

MatchToken(m) ::= <<
$this->setState(<m.stateNumber>);
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>$this->match(self::<m.name>);
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
$this->setState(<m.stateNumber>);

<if(m.labels)><m.labels:{l | <labelref(l)> = }>$this->input->LT(1);<endif>
<capture>

if (<if(invert)>$<m.varName> \<= 0 || <else>!<endif>(<expr>)) {
    <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>$this->errorHandler->recoverInline($this);
} else {
    if ($this->input->LA(1) === Token::EOF) {
        $this->matchedEOF = true;
    }

    $this->errorHandler->reportMatch($this);

```

```

    $this->consume();
}
>>

Wildcard(w) ::= <<
$this->setState(<w.stateNumber>);
<if(w.labels)><w.labels:{l
| <labelref(l)> = }><endif>$this->matchWildcard();
>>

// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
$this->setState(<p.stateNumber>);

if (!(<chunks>)) {
    throw new FailedPredicateException($this, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
    <p.msg><endif>);
}
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
    <catchAction>
}
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "$this->skip();"
LexerMoreCommand() ::= "$this->more();"
LexerPopModeCommand() ::= "$this->popMode();"

LexerTypeCommand(arg, grammar)    ::= "$this->type = <arg>);"
LexerChannelCommand(arg, grammar) ::= "$this->channel = <arg>);"
LexerModeCommand(arg, grammar)    ::= "$this->mode = <arg>);"
LexerPushModeCommand(arg, grammar) ::= "$this->pushMode(<arg>);"

ActionText(t) ::= "<t.text>"
ActionTemplate(t)
::= "<t.st>"
ArgRef(a) ::= "$localContext-><a.name>"
LocalRef(a) ::= "$localContext-><a.name>"
RetValRef(a) ::= "$localContext-><a.name>"

```



```

QRetValueRef(a) ::= "<ctx(a)-><a.dict>-><a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)-><t.name>"
LabelRef(t) ::= "<ctx(t)-><t.name>"
ListLabelRef(t) ::= "<ctx(t)-><ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)-><s.name> = <rhsChunks>";

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)-><t.label> != null ? <ctx(t)-><t.label>->getText() : null)"
TokenPropertyRef_type(t) ::= "(<ctx(t)-><t.label> != null ? <ctx(t)-><t.label>->getType() : 0)"
TokenPropertyRef_line(t) ::= "(<ctx(t)-><t.label> != null ? <ctx(t)-><t.label>->getLine() : 0)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)-><t.label> != null ? <ctx(t)-><t.label>->getCharPositionInLine() : 0)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)-><t.label>
!= null ? <ctx(t)-><t.label>->getChannel() : 0)"
TokenPropertyRef_index(t) ::= "(<ctx(t)-><t.label> != null ? <ctx(t)-><t.label>->getTokenIndex() : 0)"
TokenPropertyRef_int(t) ::= "(<ctx(t)-><t.label> != null ? (int) <ctx(t)-><t.label>->getText() : 0)"

RulePropertyRef_start(r) ::= "(<ctx(r)-><r.label> != null ? (<ctx(r)-><r.label>->start) : null)"
RulePropertyRef_stop(r) ::= "(<ctx(r)-><r.label> != null ? (<ctx(r)-><r.label>->stop) : null)"
RulePropertyRef_text(r) ::= "(<ctx(r)-><r.label> != null ? $this->input->getTextByTokens(<ctx(r)-><r.label>->start, <ctx(r)-><r.label>->stop) : null)"
RulePropertyRef_ctx(r) ::= "<ctx(r)-><r.label>"
RulePropertyRef_parser(r) ::= "$this"

ThisRulePropertyRef_start(r) ::= "$localContext->start"
ThisRulePropertyRef_stop(r) ::= "$localContext->stop"
ThisRulePropertyRef_text(r) ::= "$this->input->getTextByTokens($localContext->start, $this->input->LT(-1))"
ThisRulePropertyRef_ctx(r) ::= "$localContext"
ThisRulePropertyRef_parser(r) ::=
"$this"

NonLocalAttrRef(s) ::= "$this->getInvokingContext(<s.ruleIndex>)-><s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "$this->getInvokingContext(<s.ruleIndex>)-><s.name> = <rhsChunks>";

AddToLabelList(a) ::= "<ctx(a.label)-><a.listName>[] = <labelref(a.label)>;"

TokenDecl(t) ::= "<TokenLabelType()> $<t.name>"
TokenTypeDecl(t) ::= ""
TokenListDecl(t) ::= "array $<t.name> = []"
RuleContextDecl(r) ::= "<r.ctxName> $<r.name>"
RuleContextListDecl(rdecl) ::= "array $<rdecl.name> = []"
AttributeDecl(d) ::= "<d.type> $<d.name><if(d.initValue)> = <d.initValue><endif>"

PropertiesDecl(struct) ::= <<
<if(struct.tokenListDecls>
<struct.tokenListDecls : { d | /**

```

```

* @var array\<Token>|null $<d.name>
*/
public $<d.name>;}; separator="\n\n">
<endif>
<if(struct.tokenDecls)>
<if(struct.tokenListDecls)>

<endif>
<struct.tokenDecls : {d | /**
* @var <TokenLabelType>|null $<d.name>
*/
public $<d.name>;}; separator="\n\n">
<endif>
<if(struct.ruleContextDecls)>
<if(struct.tokenListDecls
|| struct.tokenDecls)>

<endif>
<struct.ruleContextDecls : {d | /**
* @var <d.ctxName>|null $<d.name>
*/
public $<d.name>;}; separator="\n\n">
<endif>
<if(struct.ruleContextListDecls)>
<if(struct.tokenListDecls || struct.tokenDecls || struct.ruleContextDecls)>

<endif>
<struct.ruleContextListDecls : {d | /**
* @var array\<<d.ctxName>\>|null $<d.name>
*/
public $<d.name>;}; separator="\n\n">
<endif>
<if(struct.attributeDecls)>
<if(struct.tokenListDecls || struct.tokenDecls || struct.ruleContextDecls || struct.ruleContextListDecls)>

<endif>
<struct.attributeDecls : {d | /**
* @var <d.type><if(!d.initValue)>|null<endif> $<d.name>
*/
public $<d.name><if(d.initValue)> = <d.initValue><endif>;}; separator="\n\n">
<endif>

>>

ContextTokenGetterDecl(t) ::= <<
public function <t.name>() : ?TerminalNode
{
    return $this->getToken(<parser.name>::<t.name>, 0);
}

```

```
}  
>>
```

```
ContextTokenListGetterDecl(t) ::= <<  
>>
```

```
ContextTokenListIndexedGetterDecl(t) ::= <<  
/**  
 * @return  
 * array\<TerminalNode>|TerminalNode|null  
 */  
public function <t.name>(?int $index = null)  
{  
    if ($index === null) {  
        return $this->getTokens(<parser.name>::<t.name>);  
    }  
  
    return $this->getToken(<parser.name>::<t.name>, $index);  
}  
>>
```

```
ContextRuleGetterDecl(r) ::= <<  
public function <r.name>() : ?<r.ctxName>  
{  
    return $this->getTypedRuleContext(<r.ctxName>::class, 0);  
}  
>>
```

```
ContextRuleListGetterDecl(r) ::= <<  
>>
```

```
ContextRuleListIndexedGetterDecl(r) ::= <<  
/**  
 * @return array\<<r.ctxName>\>|<r.ctxName>|null  
 */  
public function <r.name>(?int $index = null)  
{  
    if ($index === null) {  
        return $this->getTypedRuleContexts(<r.ctxName>::class);  
    }  
  
    return $this->getTypedRuleContext(<r.ctxName>::class, $index);  
}  
>>
```

```
LexerRuleContext() ::= "RuleContext"  
  
/**
```

* The rule context name is the rule followed by a suffix; e.g., r becomes rContext.

*/

RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "<tokenName>"

ImplicitRuleLabel(ruleName) ::= "<ruleName>"

ImplicitSetLabel(id)

::= "_tset<id>"

ListLabelName(label) ::= "<label>"

CaptureNextToken(d) ::= "\$<d.varName> = \\${this->input->LT(1)};"

CaptureNextTokenType(d) ::= "\$<d.varName> = \\${this->input->LA(1)};"

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers) ::= <<

class <struct.name> extends

<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)> implements

<interfaces; separator=", "><endif>

{

<PropertiesDecl(struct)>

public function __construct(?ParserRuleContext \$parent, ?int \$invokingState = null<ctorAttrs:{a | , ?<a> = null}>)

{

parent::__construct(\$parent, \$invokingState);

<if(struct.ctorAttrs)>

<struct.ctorAttrs:{a | \\${this-><a.name> = \\${<a.name>} ?? \\${this-><a.name>}}; separator="\n">

<endif>

}

public function getRuleIndex() : int

{

return <parser.name>::RULE_<struct.derivedFromName>;

}

<if(getters)>

<getters:{g | <g>}; separator="\n\n">

<endif>

<if(struct.provideCopyFrom)> <! don't need

copy unless we have subclasses !>

public function copyFrom(ParserRuleContext \$context) : void

{

parent::copyFrom(\$context);

<struct.attrs:{a | \\${this-><a.name> = \\${<a.name>} ?? \\${<a.name>}}; separator="\n">

}

<endif>

<if(dispatchMethods)>

<dispatchMethods; separator="\n\n">

```

<endif>
<if(extensionMembers)>

    <extensionMembers; separator="\n\n">
<endif>
}
>>

AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<
class <struct.name> extends <struct.parentRule; format="cap">Context
{
    <PropertiesDecl(struct)>
    public function __construct(<struct.parentRule; format="cap">Context $context)
    {
        parent::__construct($context);

        $this->copyFrom($context);
    }
    <if(getters)>

        <getters:{g | <g>}; separator="\n\n">
    <endif>
    <if(dispatchMethods)>

        <dispatchMethods; separator="\n\n">
    <endif>
}
>>

ListenerDispatchMethod(method) ::= <<
public function <if(method.isEnter)>enter<else>exit<endif>Rule(ParseTreeListener $listener) : void
{
    if ($listener instanceof <parser.grammarName>Listener)
    {
        $listener-><if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">($this);
    }
}
>>

VisitorDispatchMethod(method) ::= <<
public function accept(ParseTreeVisitor $visitor)
{
    if ($visitor instanceof <parser.grammarName>Visitor) {
        return $visitor->visit<struct.derivedFromName; format="cap">($this);
    }

    return $visitor->visitChildren($this);
}

```

```

>>

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<!(x.isLocal)>$localContext-><endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "$localContext"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "\$this->precpred(\$this->ctx, <opPrec>)"

recRuleSetReturnAction(src,name) ::= "\$<name> = \$<src>-><name>;"

recRuleSetStopToken()          ::= "\$this->ctx->stop = \$this->input->LT(-1);"

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
$localContext
= new Context\\<ctxName>Context($parentContext, $parentState);
<if(label)>
<if(isListLabel)>
$localContext-><label>[] = $previousContext;
<else>
$localContext-><label> = $previousContext;
<endif>
<endif>

$this->pushNewRecursionContext($localContext, $startState, self::RULE_<ruleName>);
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
$localContext = new Context\\<currentAltLabel; format="cap">Context(new Context\\<ruleName;
format="cap">Context($parentContext, $parentState));
<if(label)>
<if(isListLabel)>
$localContext-><label>[] = $previousContext;
<else>
$localContext-><label> = $previousContext;
<endif>
<endif>

$this->pushNewRecursionContext($localContext, $startState, self::RULE_<ruleName>);
>>

recRuleReplaceContext(ctxName) ::= <<
$localContext = new Context\\<ctxName>Context($localContext);
$this->ctx = $localContext;
$previousContext = $localContext;
>>

```

```

recRuleSetPrevCtx() ::= <<
if ($this->getParseListeners() != null) {
    $this->triggerExitRuleEvent();
}

```

```

$previousContext
= $localContext;
>>

```

```

LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
<lexer>
>>

```

```

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
namespace<if(lexerFile.genPackage)> <lexerFile.genPackage><endif> {
<if(namedActions.header)><namedActions.header><endif>
use Antlr\Antlr4\Runtime\Atn\ATNDeserializer;
use Antlr\Antlr4\Runtime\Atn\LexerATNSimulator;
use Antlr\Antlr4\Runtime\Lexer;
use Antlr\Antlr4\Runtime\CharStream;
use Antlr\Antlr4\Runtime\PredictionContexts\PredictionContextCache;
use Antlr\Antlr4\Runtime\RuleContext;
use Antlr\Antlr4\Runtime\Atn\ATN;
use Antlr\Antlr4\Runtime\Dfa\DFA;
use Antlr\Antlr4\Runtime\Vocabulary;
use Antlr\Antlr4\Runtime\RuntimeMetaData;
use Antlr\Antlr4\Runtime\VocabularyImpl;
<if(namedActions.definitions)><namedActions.definitions><endif>

```

```

final class <lexer.name> extends <superClass; null="Lexer">
{
    <if(lexer.tokens)>
    public
    const <lexer.tokens:{k | <k> = <lexer.tokens.(k)>}>; separator=", ", wrap, anchor>;
    <endif>

    <if(lexer.channels)>
    public const <lexer.channels:{c | <c> = <lexer.channels.(c)>}>; separator=", ", wrap, anchor>;
    <endif>

    <if(rest(lexer.modes))>
    public const <rest(lexer.modes):{m | <m>=<i>}>; separator=", ", wrap, anchor>;
    <endif>

    /**

```

```

* @var array<string>
*/
public const CHANNEL_NAMES = [
    'DEFAULT_TOKEN_CHANNEL', 'HIDDEN'<if (lexer.channels)>, <lexer.channels:{c| '<c>'}; separator=", ",
wrap, anchor><endif>
];

/**
* @var array<string>
*/
public const MODE_NAMES = [
    <lexer.modes:{m| '<m>'}; separator=", ", wrap, anchor>
];

/**
* @var array<string>
*/
public const RULE_NAMES = [
    <lexer.ruleNames:{r| '<r>'}; separator=", ", wrap, anchor>
];

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

<atn>
protected static $atn;
protected static $decisionToDFA;
protected static $sharedContextCache;
<if(namedActions.members)>

    <namedActions.members>
<endif>

public
function __construct(CharStream $input)
{
    parent::__construct($input);

    self::initialize();

    $this->interp = new LexerATNSimulator($this, self::$atn, self::$decisionToDFA, self::$sharedContextCache);
}

private static function initialize() : void
{
    if (self::$atn !== null) {
        return;
    }

```



```
RuntimeMetaData::checkVersion('<lexerFile.ANTLRVersion>', RuntimeMetaData::VERSION);
```

```
$atn = (new ATNDeserializer())->deserialize(self::SERIALIZED_ATN);
```

```
$decisionToDFA = [];
```

```
for ($i = 0, $count = $atn->getNumberOfDecisions(); $i < $count; $i++) {  
    $decisionToDFA[] = new DFA($atn->getDecisionState($i), $i);  
}
```

```
self::$atn = $atn;
```

```
self::$decisionToDFA = $decisionToDFA;
```

```
self::$sharedContextCache = new PredictionContextCache();
```

```
}
```

```
public static function vocabulary() : Vocabulary
```

```
{
```

```
    static $vocabulary;
```

```
    return $vocabulary = $vocabulary ?? new VocabularyImpl(self::LITERAL_NAMES,  
self::SYMBOLIC_NAMES);
```

```
}
```

```
public function getGrammarFileName() : string
```

```
{
```

```
    return '<lexer.grammarFileName>';
```

```
}
```

```
public function getRuleNames() : array
```

```
{
```

```
    return self::RULE_NAMES;
```

```
}
```

```
public function getSerializedATN() : string
```

```
{
```

```
    return self::SERIALIZED_ATN;
```

```
}
```

```
/**
```

```
 * @return array<string>
```

```
 */
```

```
public function getChannelNames() : array
```

```
{
```

```
    return self::CHANNEL_NAMES;
```

```
}
```

```
/**
```

```
 * @return array<string>
```

```
 */
```

```

public function getModeNames() : array
{
    return self::MODE_NAMES;
}

public function getATN() : ATN
{
    return self::$atn;
}

public function getVocabulary() : Vocabulary
{
    return self::vocabulary();
}
<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
}
}
>>

SerializedATN(model) ::= <<
<if(rest(model.segments))>
/**
 * @var string
 */
private const SERIALIZED_ATN =
    <model.segments:{segment| "<segment; wrap={ " .<\n>" }>"}; separator=" .\n">
<else>
/**
 * @var string
 */
private const SERIALIZED_ATN
    =
    "<model.serialized; wrap={ " .<\n>  " }>";
<endif>
>>

/**
 * Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is `null`.
 */
initValue(typeName) ::= <<
<phpTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".php"

Found in path(s):
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/PHP/PHP.stg

```

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*/

/*

This file contains the actual layout of the messages emitted by ANTLR.

This file contains the default format ANTLR uses.

*/

location(file, line, column) ::= "<file>:<line>:<column>:"

message(id, text) ::= "<id> <text>"

report(location, message, type) ::= "<type>(<message.id>): <location> <message.text>"

wantsSingleLineMessage() ::= "false"

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/messages/formats/antlr.stg

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*/

/*

This file contains the actual layout of the messages emitted by ANTLR.

The text itself is coming out of the languages/*stg files, according to the chosen locale.

This file contains the format that mimicks GCC output.

*/

location(file, line, column) ::= "<file>:<line>:<column>:"

message(id, text) ::= "<text> [error <id>]"

report(location, message, type) ::= "<location> <type>: <message>"

wantsSingleLineMessage() ::= "true"

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/messages/formats/gnu.stg

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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 ) {
    $omos = DefaultOutputModelFactory.list(controller.getChoiceBlock((BlockAST)$blk, alts, $label));
}
else {
    Choice choice = controller.getEBNFBlock($ebnfRoot, alts);
    hasLookaheadBlock |= choice instanceof PlusBlock || choice instanceof StarBlock;
    $omos = 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)
;
```

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/SourceGenTriggers.g

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

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*/

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/Action.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/Python2Target.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/Decl.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/JavaScriptTarget.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/JavaTarget.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ListenerFile.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/CaptureNextTokenType.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LexerFile.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/Lexer.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/analysis/LeftRecursionDetector.java

*

/antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/PlusBlock.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/TreePostScriptGenerator.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/GrammarASTAdaptor.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/SystemFontMetrics.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/automata/ParserATNFactory.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ArgRef.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/TreeLayoutAdaptor.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/Attribute.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/ToolANTLRParser.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_ctx.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/CodeGeneratorExtension.java

*

/antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/ScopeParser.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/TokenVocabParser.java

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/NonLocalAttrRef.java

- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/SetNonLocalAttr.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/RuleAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ArgAction.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/LexerFactory.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextRuleGetterDecl.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ParserFile.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/automata/TailEpsilonRemover.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/StructDecl.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/PlusBlockAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/TestSetInline.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/TokenListDecl.java
- *
- /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_start.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/RuleElement.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/CodeGenPipeline.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/MatchNotSet.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/analysis/AnalysisPipeline.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/LabelType.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/GrammarToken.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/AltBlock.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_int.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/OutputFile.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/Trees.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/RuleActionFunction.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ErrorSeverity.java
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- /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/CodeBlockForOuterMostAlt.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/BuildDependencyGenerator.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ThrowRecognitionException.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/RuleRefAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/OutputModelObject.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_stop.java
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- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ANTLRMessage.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/StarBlock.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/CppTarget.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/TreeTextProvider.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/ToolANTLRLexer.java
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- /antlr4-4-9-2-sources-1-jar/org/antlr/v4/misc/FrequencySet.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/OutputModelWalker.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_channel.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ModelElement.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/VisitorFile.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LL1OptionalBlockSingleAlt.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/JFileChooserConfirmOverwrite.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/SerializedATN.java

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- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/misc/Graph.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/semantics/AttributeChecks.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/SrcOp.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/VisitorDispatchMethod.java
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- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/GrammarSemanticsMessage.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/automata/ATNPrinter.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ActionText.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/CodeBlockForAlt.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/automata/ATNFactory.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/QRetValueRef.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/Alternative.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/GrammarSyntaxMessage.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LeftRecursiveRuleFunction.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/automata/LexerATNFactory.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/BaseListenerFile.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/v4ParserException.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/PHPTarget.java
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- /antlr4-4-9-2-sources-1-jar/org/antlr/v4/semantics/BasicSemanticChecks.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/MatchSet.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextTokenListIndexedGetterDecl.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/SetAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/GrammarASTErrorNode.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextGetterDecl.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/BlockAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LL1Choice.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/semantics/UseDefAnalyzer.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/Parser.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/DefaultToolListener.java
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- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/semantics/SemanticPipeline.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenRef.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/DispatchMethod.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/misc/Utils.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_parser.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/InvokeRule.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/RuleElementAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/Grammar.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/Python3Target.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_text.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/unicode/UnicodeDataTemplateController.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/LexerGrammar.java

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 /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ErrorMessage.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_parser.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/GrammarParserInterpreter.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/misc/MutableInt.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/MatchToken.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/misc/OrderedHashMap.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/BasicFontMetrics.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ThrowEarlyExitException.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/DefaultOutputModelFactory.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/v3TreeGrammarException.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/CodeBlock.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/LabelElementPair.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/GrammarAST.java
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 /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_text.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/NotAST.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/TokenDecl.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/GrammarTransformPipeline.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/DOTGenerator.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/RuleContextDecl.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/SemPred.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/PostScriptDocument.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/Target.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/Loop.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/ParserFactory.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/Sync.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_ctx.java
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 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/Choice.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_type.java
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 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/misc/EscapeSequenceParsing.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LL1StarBlockSingleAlt.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/OutputModelFactory.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/TreeView.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/CSharpTarget.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LL1Loop.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/semantics/SymbolChecks.java
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 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/AddToLabelList.java
 *
 /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LL1PlusBlockSingleAlt.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ListLabelRef.java
 * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ActionChunk.java

- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/GrammarASTVisitor.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_index.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/GrammarInterpreterRuleContext.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/AttributeDecl.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/dbg.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/TerminalAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LL1OptionalBlock.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextRuleListGetterDecl.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/misc/CharSupport.java
- *
- /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ThrowNoViableAlt.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/BlankOutputModelFactory.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/analysis/LeftRecursiveRuleAnalyzer.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/OptionalBlock.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_text.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/LL1AltBlock.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/automata/ATNVisitor.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/RuleSempredFunction.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/analysis/LeftRecursiveRuleAltInfo.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/PredAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/OptionalBlockAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/analysis/LeftRecursiveRuleTransformer.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/CodeGenerator.java
- *
- /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_pos.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ANTLRToolListener.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/RetValRef.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/SwiftTarget.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/ResyncToEndOfRuleBlock.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/ActionSplitterListener.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_stop.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/LeftRecursionCyclesMessage.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/automata/ATNOptimizer.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/AttributeDict.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/ActionAST.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ToolMessage.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/QuantifierAST.java
- *
- /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/UnicodeEscapes.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/GrammarASTWithOptions.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/AttributeResolver.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/BaseVisitorFile.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/OutputModelController.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/gui/TestRig.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ThisRulePropertyRef_start.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/Rule.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/DartTarget.java
- * /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/ActionTemplate.java

```

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/semantics/SymbolCollector.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextRuleListIndexedGetterDecl.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ElementFrequenciesVisitor.java
*
/antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/target/GoTarget.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ErrorType.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/TokenTypeDecl.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/GrammarRootAST.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/LocalRef.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/Tool.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/RuleContextListDecl.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/LeftRecursiveRule.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/semantics/BlankActionSplitterListener.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/Recognizer.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/ActionTranslator.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/ast/StarBlockAST.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/ContextTokenListGetterDecl.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/ListenerDispatchMethod.java
*
/antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/decl/AltLabelStructDecl.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/CaptureNextToken.java
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef_line.java
No license file was found, but licenses were detected in source scan.

```

```

/*

```

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*/

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/ANTLRLexer.java

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/*

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*/

/** ANTLR tool checks output templates are compatible with tool code generation.

* For now, a simple string match used on x.y of x.y.z scheme.

* Must match Tool.VERSION during load to templates.

*

* REQUIRED.

*/

```

pythonTypeInitMap ::= [
    "bool": "False",
    "int": "0",
    "float": "0.0",
    "str": "",
    default: "None" // anything other
    than a primitive type is an object
]

// args must be <object-model-object>, <fields-resulting-in-STs>

ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
# encoding: utf-8
from __future__ import print_function
from antlr4 import *
from io import StringIO
import sys

<namedActions.header>
<parser>

>>

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
from antlr4 import *
<header>

# This class defines a complete listener for a parse tree produced by <file.parserName>.
class <file.grammarName>Listener(ParseTreeListener):

    <file.listenerNames:{lname |
# Enter a parse tree produced by <file.parserName>#<lname>.
def enter<lname>(format="cap")>(self, ctx):
    pass

# Exit a parse tree produced by <file.parserName>#<lname>.
def exit<lname>(format="cap")>(self, ctx):
    pass

}; separator="\n">

>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName,

```



```

file.ANTLRVersion)>
from antlr4 import *
<header>

# This class defines a complete generic visitor for a parse tree produced by <file.parserName>.

class <file.grammarName>Visitor(ParseTreeVisitor):

    <file.visitorNames:{lname |
# Visit a parse tree produced by <file.parserName>#<lname>.
def visit<lname; format="cap">(self, ctx):
    return self.visitChildren(ctx)

}; separator="\n">

>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<
# Generated from <grammarFileName> by ANTLR <ANTLRVersion>
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(superClass)>
if __name__ is not None and "." in __name__:
    from .<superClass> import <superClass>
else:
    from <superClass> import <superClass>

<endif>
<atn>

class <parser.name> ( <if(superClass)><superClass><else>Parser<endif> ):

    grammarFileName = "<parser.grammarFileName>"

    atn = ATNDeserializer().deserialize(serializedATN())

    decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]

    sharedContextCache = PredictionContextCache()

    literalNames = [ <parser.literalNames:{t | u<t>}; null="u\\"\<INVALID>\\"", separator=", ", wrap, anchor> ]

```

```

symbolicNames = [ <parser.symbolicNames:{t | u<t>}; null="u\"<INVALID>\"", separator=", ", wrap, anchor> ]

<if(parser.rules)>
<parser.rules:{r | RULE_<r.name> = <r.index>}; separator="\n", wrap, anchor>
<endif>

ruleNames = [ <parser.ruleNames:{r | u"<r>"}; separator=", ", wrap, anchor> ]

EOF = <TokenLabelType>.EOF
<if(parser.tokens)>
<parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator="\n", wrap, anchor>
<endif>

<parser:(ctor())>

<namedActions.members>

<funcs; separator="\n">

<if(sempredFuncs)>
def sempred(self, localctx, ruleIndex, predIndex):
    if self._predicates == None:
        self._predicates = dict()
<parser.sempredFuncs.values:{ f
|
    self._predicates[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n    ">
    pred = self._predicates.get(ruleIndex, None)
    if pred is None:
        raise Exception("No predicate with index:" + str(ruleIndex))
    else:
        return pred(localctx, predIndex)

<sempredFuncs.values; separator="\n">
<endif>

>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
def action(self, localctx, ruleIndex, actionIndex):
    if self._actions is None:
        actions = dict()
<recog.actionFuncs.values:{ f|
    actions[<f.ruleIndex>] = self.<f.name>_action }; separator="\n">
    self._actions = actions

```

```

        action = self._actions.get(ruleIndex, None)
        if action is not None:
            action(localctx, actionIndex)
        else:
            raise Exception("No registered action for:" + str(ruleIndex))

<actionFuncs.values; separator="\n">

<endif>
<if(sempredFuncs)>
def sempred(self, localctx, ruleIndex, predIndex):
    if self._predicates is None:
        preds = dict()
    <recog.sempredFuncs.values:{f|
        preds[<f.ruleIndex>] = self.<f.name>_sempred}; separator="\n">
        self._predicates = preds
    pred = self._predicates.get(ruleIndex, None)
    if pred is not None:
        return pred(localctx, predIndex)
    else:
        raise Exception("No registered predicate for:" + str(ruleIndex))

<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p) ::= <<
def __init__(self, input, output=sys.stdout):
    super(<parser.name>, self).__init__(input, output=output)
    self.checkVersion("<file.ANTLRVersion>")
    self._interp = ParserATNSimulator(self, self.atn, self.decisionsToDFA, self.sharedContextCache)
    self._predicates = None

>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<

def <r.name>_action(self, localctx, actionIndex):
    <actions:{index|
    <if(first(actions))>
        if actionIndex == <index>:
            <actions.(index)>
    <elseif(rest(actions))>
        elif actionIndex == <index>:
            <actions.(index)>

```

```

<endif> }; separator="\n">
>>

/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
def <r.name>_sempred(self, localctx, predIndex):
    <actions:{index|
<if(first(actions))>
    if predIndex == <index>:
        return <actions.(index)>
<elseif(rest(actions))>
    elif predIndex == <index>:
        return <actions.(index)>
<endif> }; separator="\n">

>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

def <currentRule.name>(self<currentRule.args:{a | , <a.name>}>):

    localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, self.state<currentRule.args:{a | , <a.name>}>)
    self.enterRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>)
    <namedActions.init>
    <locals; separator="\n">
    try:
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    <if(exceptions)>
    <exceptions; separator="\n">
    <else>
    except RecognitionException as re:
        localctx.exception = re
        self._errHandler.reportError(self, re)
        self._errHandler.recover(self, re)
    <endif>
    finally:
        <finallyAction>
        self.exitRule()
    return localctx

```

>>

```
LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,  
namedActions,finallyAction,postamble) ::=
```

<<

<ruleCtx>

<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

```
def <currentRule.name>(self, _p=0<if(currentRule.args)>, <args:{a | , <a>}><endif>):  
  _parentctx = self._ctx  
  _parentState = self.state  
  localctx = <parser.name>.<currentRule.ctxType>(self, self._ctx, _parentState<args:{a | , <a.name>}>)  
  _prevctx  
= localctx  
  _startState = <currentRule.startState>  
  self.enterRecursionRule(localctx, <currentRule.startState>, self.RULE_<currentRule.name>, _p)  
  <namedActions.init>  
  <locals; separator="\n">  
  try:  
    <code>  
    <postamble; separator="\n">  
    <namedActions.after>  
  except RecognitionException as re:  
    localctx.exception = re  
    self._errHandler.reportError(self, re)  
    self._errHandler.recover(self, re)  
  finally:  
    <finallyAction>  
    self.unrollRecursionContexts(_parentctx)  
  return localctx
```

>>

```
CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<  
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = <parser.name>.<currentOuterMostAltCodeBlock.altLabel;  
format="cap">Context(self, localctx)<endif>  
self.enterOuterAlt(localctx, <currentOuterMostAltCodeBlock.alt.altNum>)  
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>  
>>
```

```
CodeBlockForAlt(currentAltCodeBlock, locals,  
preamble, ops) ::= <<  
<locals; separator="\n">  
<preamble; separator="\n">  
<ops; separator="\n">  
>>
```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
    <alt>
    pass}; separator="\nel">
else:
    <error>

>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
token = self._input.LA(1)
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
    <alt>
    pass}; separator="\nel">
else:
    pass
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
if <expr>:
    <alts; separator="\n">

<!else if ( !(<followExpr> ) <error>!>
>>

```

```

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble,
iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<preamble; separator="\n">
while <loopExpr>:
    <alts; separator="\n">
    self.state = <choice.loopBackStateNumber>
    self._errHandler.sync(self)
    <iteration>

```

```
>>
```

```
LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
<preamble; separator="\n">
while True:
    <alts; separator="\n">
    self.state = <choice.stateNumber> <! loopback/exit decision !>
    self._errHandler.sync(self)
    <iteration>
    if not (<loopExpr>):
        break
```

```
>>
```

```
// LL(*) stuff
```

```
AltBlock(choice, preamble, alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
<preamble; separator="\n">
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i>:
    <alt>
    pass
}; separator="\n">
```

```
>>
```

```
OptionalBlock(choice,
alts, error) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
la_ = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
<alts:{alt |
if la_ == <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
}; separator="\n">
```

```
>>
```

```
StarBlock(choice, alts, sync, iteration) ::= <<
self.state = <choice.stateNumber>
self._errHandler.sync(self)
_alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)
```

```

while _alt!=<choice.exitAlt> and _alt!=ATN.INVALID_ALT_NUMBER:
    if _alt==1<if(!choice.ast.greedy)>+1<endif>:
        <iteration>
        <alts> <! should only be one !>
    self.state = <choice.loopBackStateNumber>
    self._errHandler.sync(self)
    _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

```

```

PlusBlock(choice, alts, error) ::= <<
self.state = <choice.blockStartStateNumber> <! alt block decision !>
self._errHandler.sync(self)
_alt = 1<if(!choice.ast.greedy)>+1<endif>
while _alt!=<choice.exitAlt>
and _alt!=ATN.INVALID_ALT_NUMBER:
    <alts:{alt|
if _alt == <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
}; separator="\nел">
    else:
        <error>
    self.state = <choice.loopBackStateNumber> <! loopback/exit decision !>
    self._errHandler.sync(self)
    _alt = self._interp.adaptivePredict(self._input,<choice.decision>,self._ctx)

>>

```

```

Sync(s) ::= "sync(<s.expecting.name>)"

```

```

ThrowNoViableAlt(t) ::= "raise NoViableAltException(self)"

```

```

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" or ">
>>

```

```

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

```

```

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})>
and ((1 \<\< <offsetShiftVar(s.varName, bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftType(ttype,
bits.shift)>)}); separator=" | ">)) != 0)
%>

```



```

isZero ::= [
  "0":true,
  default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
  <if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
  %>

offsetShiftType(shiftAmount, offset) ::= <%
  <if(!isZero.(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
  %>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
  <bits.ttypes:{ttype | <s.varName>==<parser.name>.<ttype>}; separator=" or ">
  %>

cases(ttypes) ::= <<
  if token in [<ttypes:{t | <parser.name>.<t>}; separator=", ">]:
  >>

InvokeRule(r, argExprsChunks) ::= <<
  self.state = <r.stateNumber>
  <if(r.labels)><r.labels:{l | <labelref(l)> = }><endif>self.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>)
  >>

MatchToken(m)
  ::= <<
  self.state = <m.stateNumber>
  <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>self.match(<parser.name>.<m.name>)
  >>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
  self.state = <m.stateNumber>
  <if(m.labels)><m.labels:{l | <labelref(l)> = }>self._input.LT(1)<endif>
  <capture>
  <if(invert)>if <m.varName> \<= 0 or <expr><else>if not(<expr>)<endif>:
  <if(m.labels)><m.labels:{l | <labelref(l)> = }><else> <endif>self._errHandler.recoverInline(self)
  else:
    self._errHandler.reportMatch(self)

```

```

    self.consume()
>>

Wildcard(w) ::= <<
self.state = <w.stateNumber>
<if(w.labels)><w.labels:{l | <labelref(l)> = }><endif>self.matchWildcard()
>>

// ACTION STUFF

Action(a, foo, chunks) ::= "<chunks>"

ArgAction(a, chunks) ::= "<chunks>"

SemPred(p, chunks, failChunks) ::= <<
self.state = <p.stateNumber>
if not <chunks>:
    from antlr4.error.Errors import FailedPredicateException
    raise FailedPredicateException(self, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
    <p.msg><endif>)
>>

ExceptionClause(e, catchArg, catchAction) ::= <<
except <catchArg>:
    <catchAction>
>>

// lexer actions are not associated with model objects

LexerSkipCommand() ::= "skip()"
LexerMoreCommand() ::= "more()"
LexerPopModeCommand() ::= "popMode()"

LexerTypeCommand(arg, grammar)    ::= "_type = <arg>"
LexerChannelCommand(arg, grammar) ::= "_channel = <arg>"
LexerModeCommand(arg, grammar)    ::= "_mode = <arg>"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a) ::= "localctx.<a.name>"
RetValRef(a) ::= "localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t)

```

```

::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(None if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(0 if <ctx(t)>.<t.label> is None else <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t) ::= "(0 if <ctx(t)>.<t.label> is None else int(<ctx(t)>.<t.label>.text))"

RulePropertyRef_start(r) ::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r)
::= "(None if <ctx(r)>.<r.label> is None else <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r) ::= "(None if <ctx(r)>.<r.label> is None else
self._input.getText(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop))"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "self"

ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r) ::= "localctx.stop"
ThisRulePropertyRef_text(r) ::= "self._input.getText(localctx.start, self._input.LT(-1))"
ThisRulePropertyRef_ctx(r) ::= "localctx"
ThisRulePropertyRef_parser(r) ::= "self"

NonLocalAttrRef(s) ::= "self.getInvokingContext(<s.ruleIndex>).<s.name>"
SetNonLocalAttr(s, rhsChunks) ::= "self.getInvokingContext(<s.ruleIndex>).<s.name> = <rhsChunks>"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.append(<labelref(a.label)>)"

TokenDecl(t) ::= "self.<t.name> = None # <TokenLabelType()>"
TokenTypeDecl(t) ::= "self.<t.name> = 0 # <TokenLabelType()> type"
TokenListDecl(t)
::= "self.<t.name> = list() # of <TokenLabelType()>s"
RuleContextDecl(r) ::= "self.<r.name> = None # <r.ctxName>"
RuleContextListDecl(rdecl) ::= "self.<rdecl.name> = list() # of <rdecl.ctxName>s"

ContextTokenGetterDecl(t) ::= <<
def <t.name>(self):
    return self.getToken(<parser.name>.<t.name>, 0)
>>

// should never be called
ContextTokenListGetterDecl(t) ::= <<
def <t.name>_list(self):

```

```

    return self.getTokens(<parser.name>.<t.name>)
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
def <t.name>(self, i=None):
    if i is None:
        return self.getTokens(<parser.name>.<t.name>)
    else:
        return self.getToken(<parser.name>.<t.name>, i)
>>

ContextRuleGetterDecl(r)    ::= <<
def <r.name>(self):
    return self.getTypedRuleContext(<parser.name>.<r.ctxName>,0)

>>

// should never be called
ContextRuleListGetterDecl(r) ::= <<
def <r.name>_list(self):
    return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)

>>

ContextRuleListIndexedGetterDecl(r)
    ::= <<
def <r.name>(self, i=None):
    if i is None:
        return self.getTypedRuleContexts(<parser.name>.<r.ctxName>)
    else:
        return self.getTypedRuleContext(<parser.name>.<r.ctxName>,i)

>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName)   ::= "_<ruleName>"
ImplicitSetLabel(id)          ::= "_tset<id>"
ListLabelName(label)         ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = self._input.LA(1)"

```

```

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers) ::= <<
class <struct.name>(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif>):

    def __init__(self, parser, parent=None, invokingState=-1<struct.ctorAttrs:{a | , <a.name>=None}>):
        super(<parser.name>.<struct.name>,
self).__init__(parent, invokingState)
        self.parser = parser
        <attrs:{a | <a>}; separator="\n">
        <struct.ctorAttrs:{a | self.<a.name> = <a.name>}; separator="\n">

    <getters:{g | <g>}; separator="\n\n">

    def getRuleIndex(self):
        return <parser.name>.RULE_<struct.derivedFromName>

<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
    def copyFrom(self, ctx):
        super(<parser.name>.<struct.name>, self).copyFrom(ctx)
        <struct.attrs:{a | self.<a.name> = ctx.<a.name>}; separator="\n">

<endif>
    <dispatchMethods; separator="\n">
    <extensionMembers; separator="\n">

>>

AltLabelStructDecl(struct,attrs, getters,dispatchMethods) ::= <<
class <struct.name>(<currentRule.name; format="cap">Context):

    def __init__(self, parser, ctx): # actually a <parser.name>.<currentRule.name; format="cap">Context)
        super(<parser.name>.<struct.name>, self).__init__(parser)
        <attrs:{a | <a>}; separator="\n">
        self.copyFrom(ctx)

    <getters:{g | <g>}; separator="\n">

    <dispatchMethods; separator="\n">

>>

ListenerDispatchMethod(method) ::= <<
def <if(method.isEnter)>enter<else>exit<endif>Rule(self, listener):
    if hasattr(listener, "<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">"):
        listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(self)

>>

```

```

VisitorDispatchMethod(method) ::= <<
def accept(self, visitor):
    if hasattr(visitor, "visit<struct.derivedFromName; format="cap">"):
        return visitor.visit<struct.derivedFromName; format="cap">(self)
    else:
        return visitor.visitChildren(self)

>>

AttributeDecl(d) ::= "self.<d.name> = <if(d.initValue)><d.initValue><else>None<endif>"

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk)
::= "localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "self.precpred(self._ctx, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name>=$<src>.<name>"
recRuleSetStopToken() ::= "self._ctx.stop = self._input.LT(-1)"

recRuleAltStartAction(ruleName, ctxName, label) ::= <<
localctx = <parser.name>.<ctxName>Context(self, _parentctx, _parentState)
<if(label)>localctx.<label> = _prevctx<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = <parser.name>.<currentAltLabel; format="cap">Context(self, <parser.name>.<ruleName;
format="cap">Context(self, _parentctx, _parentState))
<if(label)>
<if(isListLabel)>
localctx.<label>.append(_prevctx)
<else>
localctx.<label> = _prevctx
<endif>
<endif>
self.pushNewRecursionContext(localctx, _startState, self.RULE_<ruleName>)
>>

recRuleReplaceContext(ctxName) ::= <<
localctx
= <parser.name>.<ctxName>Context(self, localctx)
self._ctx = localctx
_prevctx = localctx

```

```
>>
```

```
recRuleSetPrevCtx() ::= <<
if self._parseListeners is not None:
    self.triggerExitRuleEvent()
_prevctx = localctx
>>
```

```
LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
# encoding: utf-8
from __future__ import print_function
from antlr4 import *
from io import StringIO
import sys
```

```
<namedActions.header>
```

```
<lexer>
>>
```

```
Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
<if(superClass)>
if __name__ is not None and "." in __name__:
    from <superClass> import <superClass>
else:
    from <superClass> import <superClass>
```

```
<endif>
```

```
<atn>
```

```
class <lexer.name>(<if(superClass)><superClass><else>Lexer<endif>):
```

```
    atn = ATNDeserializer().deserialize(serializedATN())
```

```
    decisionsToDFA = [ DFA(ds, i) for i, ds in enumerate(atn.decisionToState) ]
```

```
<if(lexer.channels)>
    <lexer.channels:{c| <c> = <lexer.channels.(c)>}>;
    separator="\n">
```

```
<endif>
```

```
<if(rest(lexer.modes))>
    <rest(lexer.modes):{m| <m> = <i>}>; separator="\n">
```

```
<endif>
```

```

<if(lexer.tokens)>
<lexer.tokens:{k | <k> = <lexer.tokens.(k)>}; separator="\n", wrap, anchor>
<endif>

channelNames = [ u"DEFAULT_TOKEN_CHANNEL", u"HIDDEN"<if (lexer.channels)>, <lexer.channels:{c|
u"<c>"}; separator=", ", wrap, anchor><endif> ]

modeNames = [ <lexer.modes:{m| u"<m>"}; separator=", ", wrap, anchor> ]

literalNames = [ u"\<INVALID>",
<lexer.literalNames:{t | u<t>}; separator=", ", wrap, anchor> ]

symbolicNames = [ u"\<INVALID>",
<lexer.symbolicNames:{t | u<t>}; separator=", ", wrap, anchor> ]

ruleNames = [ <lexer.ruleNames:{r | u"<r>"}; separator=", ", wrap, anchor> ]

grammarFileName = u"<lexer.grammarFileName>"

def __init__(self, input=None, output=sys.stdout):
    super(<lexer.name>, self).__init__(input, output=output)
    self.checkVersion("<lexerFile.ANTLRVersion>")
    self._interp
= LexerATNSimulator(self, self.atn, self.decisionsToDFA, PredictionContextCache())
    self._actions = None
    self._predicates = None

<namedActions.members>

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model) ::= <<
<! only one segment, can be inlined !>

def serializedATN():
    with StringIO() as buf:
        buf.write(u"<model.serialized; wrap={}<\n>    buf.write(u")>")
        return buf.getvalue()

>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<pythonTypeInitMap.(typeName)>

```


>>

```
codeFileExtension() ::= ".py"
```

Found in path(s):

```
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/Python2/Python2.stg
```

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```

```
*/
```

```
/** templates used to generate make-compatible dependencies */
```

```
/** Generate "f : x, y, z" dependencies for input
```

```
* dependencies and generated files. in and out
```

```
* are File objects. For example, you can say
```

```
* <f.canonicalPath>
```

```
*/
```

```
dependencies(grammarFileName,in,out) ::= <<
```

```
<if(in)><grammarFileName>: <in; separator=", "><endif>
```

```
<out:{f | <f> : <grammarFileName>};  
separator="\n">  
>>
```

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- */

```
lexer grammar ActionSplitter;
```

```
options { filter=true; }
```

```
@header {
package organtlr.v4.parse;
import organtlr.v4.tool.*;
import organtlr.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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* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/parse/ActionSplitter.g

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 */

// args must be <object-model-object>, <fields-resulting-in-STs>

```
ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<namedActions.header>
using System;
using System.IO;
using System.Text;
using System.Diagnostics;
using System.Collections.Generic;
using
    Antlr4.Runtime;
using Antlr4.Runtime.Atn;
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using DFA = Antlr4.Runtime.Dfa.DFA;

<parser>
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>
```

```
ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using IParseTreeListener = Antlr4.Runtime.Tree.IParseTreeListener;
using IToken = Antlr4.Runtime.IToken;
```

```

/// \<summary>
/// This interface defines a complete listener for a parse tree produced by
/// \<see cref="<csIdentifier.(file.parserName)>">/.
/// \</summary>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public interface I<file.grammarName>Listener : IParseTreeListener {
    <file.listenerNames:{Iname |
/// \<summary>
<if(file.listenerLabelRuleNames.(Iname))>
/// Enter a parse tree produced by the \<c><Iname>\</c>
/// labeled
    alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(Iname)>">/.
<else>
/// Enter a parse tree produced by \<see cref="<file.parserName>.<Iname>">/.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
    void Enter<Iname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<Iname; format="cap">Context
    context);
/// \<summary>
<if(file.listenerLabelRuleNames.(Iname))>
/// Exit a parse tree produced by the \<c><Iname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(Iname)>">/.
<else>
/// Exit a parse tree produced by \<see cref="<file.parserName>.<Iname>">/.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
    void Exit<Iname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<Iname; format="cap">Context
    context));}; separator="\n"
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

BaseListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName,
    file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>

using Antlr4.Runtime.Misc;
using IErrorNode = Antlr4.Runtime.Tree.IErrorNode;

```

```

using ITreeNode = Antlr4.Runtime.Tree.ITreeNode;
using IToken = Antlr4.Runtime.IToken;
using ParserRuleContext = Antlr4.Runtime.ParserRuleContext;

/// \<summary>
/// This class provides an empty implementation of \<see cref="I<file.grammarName>Listener"/>,
/// which can be extended to create a listener which only needs to handle a subset
/// of the available methods.
/// \</summary>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.Diagnostics.DebuggerNonUserCode]
[System.CLSCompliant(false)]
public partial class <file.grammarName>BaseListener : I<file.grammarName>Listener {
    <file.listenerNames:{lname |
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Enter a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
///
Enter a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>The default implementation does nothing.\</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
public virtual void Enter<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { \}
/// \<summary>
<if(file.listenerLabelRuleNames.(lname))>
/// Exit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.listenerLabelRuleNames.(lname)>"/>.
<else>
/// Exit a parse tree produced by \<see cref="<file.parserName>.<lname>"/>.
<endif>
/// \<para>The default implementation does nothing.\</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
public virtual void Exit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { \} }; separator="\n"

/// \<inheritdoc/>
///
\<remarks>The default implementation does nothing.\</remarks>
public virtual void EnterEveryRule([NotNull] ParserRuleContext context) { \}
/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void ExitEveryRule([NotNull] ParserRuleContext context) { \}
/// \<inheritdoc/>

```



```

/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void VisitTerminal([NotNull] ITerminalNode node) { }
/// \<inheritdoc/>
/// \<remarks>The default implementation does nothing.\</remarks>
public virtual void VisitErrorNode([NotNull] IErrorNode node) { }
}
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>

VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using IToken = Antlr4.Runtime.IToken;

/// \<summary>
/// This interface defines a complete
generic visitor for a parse tree produced
/// by \<see cref="<csIdentifier(file.parserName)>">/>.
/// \</summary>
/// \<typeparam name="Result">The return type of the visit operation.\</typeparam>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public interface I<file.grammarName>Visitor<Result> : IParseTreeVisitor<Result> {
    <file.visitorNames:{lname |
/// \<summary>
<if(file.visitorLabelRuleNames.(lname))>
/// Visit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.visitorLabelRuleNames.(lname)>">/>.
<else>
/// Visit a parse tree produced by \<see cref="<file.parserName>.<lname>">/>.
<endif>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
/// \<return>The visitor result.\</return>
Result Visit<lname; format="cap">([NotNull] <csIdentifier(file.parserName)>.<lname; format="cap">Context
context));; separator="\n"
}
<if(file.genPackage)>
} // namespace
<file.genPackage>
<endif>

```

>>

```
BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
namespace <file.genPackage> {
<endif>
<header>
using Antlr4.Runtime.Misc;
using Antlr4.Runtime.Tree;
using IToken = Antlr4.Runtime.IToken;
using ParserRuleContext = Antlr4.Runtime.ParserRuleContext;

/// \<summary>
/// This class provides an empty implementation of \<see cref="I<file.grammarName>Visitor{Result}" />,
/// which can be extended to create a visitor which only needs to handle a subset
/// of the available methods.
/// \</summary>
/// \<typeparam name="Result">The return type of the visit operation.\</typeparam>
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.Diagnostics.DebuggerNonUserCode]
[System.CLSCompliant(false)]
public partial class <file.grammarName>BaseVisitor<<Result> : AbstractParseTreeVisitor<<Result>,
I<file.grammarName>Visitor<<Result> {
    <file.visitorNames:{lname |
/// \<summary>
<if(file.visitorLabelRuleNames.(lname))>
///
    Visit a parse tree produced by the \<c><lname>\</c>
/// labeled alternative in \<see cref="<file.parserName>.<file.visitorLabelRuleNames.(lname)>" />.
<else>
/// Visit a parse tree produced by \<see cref="<file.parserName>.<lname>" />.
<endif>
/// \<para>
/// The default implementation returns the result of calling \<see
cref="AbstractParseTreeVisitor{Result}.VisitChildren(IRuleNode)" />
/// on \<paramref name="context" />.
/// \</para>
/// \</summary>
/// \<param name="context">The parse tree.\</param>
/// \<return>The visitor result.\</return>
public virtual Result Visit<lname; format="cap">([NotNull] <csIdentifier.(file.parserName)>.<lname;
format="cap">Context context) { return VisitChildren(context); \}; separator="\n">
    }
<if(file.genPackage)>
} // namespace <file.genPackage>
<endif>
>>
```

```

fileHeader(grammarFileName, ANTLRVersion) ::= <<
//-----
// \<auto-generated>
//
//     This code was generated by a tool.
//   ANTLR Version: <ANTLRVersion>
//
//   Changes to this file may cause incorrect behavior and will be lost if
//   the code is regenerated.
// \</auto-generated>
//-----

// Generated from <grammarFileName> by ANTLR <ANTLRVersion>

// Unreachable code detected
#pragma warning disable 0162
// The variable '...' is assigned but its value is never used
#pragma warning disable 0219
// Missing XML comment for publicly visible type or member '...'
#pragma warning disable 1591
// Ambiguous reference in cref attribute
#pragma warning disable 419

>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]
[System.CLSCompliant(false)]
public partial class <csIdentifier.(parser.name)> : <superClass>
    null="Parser"> {
        protected static DFA[] decisionToDFA;
        protected static PredictionContextCache sharedContextCache = new PredictionContextCache();
        <if(parser.tokens)>
        public const int
            <parser.tokens:{k | <k>=<parser.tokens.(k)>}; separator=", ", wrap, anchor>;
        <endif>
        <if(parser.rules)>
        public const int
            <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
        <endif>
        public static readonly string[] ruleNames = {
            <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
        };

```

```

<vocabulary(parser.literalNames, parser.symbolicNames)>

public override string GrammarFileName { get { return "<parser.grammarFileName>"; } }

public override string[] RuleNames { get { return ruleNames; } }

public override string SerializedAtn { get { return new string(_serializedATN); } }

static <csIdentifier.(parser.name)>() {
    decisionToDFA = new DFA[_ATN.NumberOfDecisions];
    for (int i = 0; i < _ATN.NumberOfDecisions; i++) {
        decisionToDFA[i] = new
DFA(_ATN.GetDecisionState(i), i);
    }
}

<namedActions.members>
<parser:(ctor)()>
<funcs; separator="\n">

<if(sempredFuncs)>
public override bool Sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
    switch (ruleIndex) {
        <parser.sempredFuncs.values:{f|
case <f.ruleIndex>: return <f.name>_sempred((<f.ctxType>)_localctx, predIndex);}; separator="\n">
    }
    return true;
}
<sempredFuncs.values; separator="\n">
<endif>

<atn>
}
>>

vocabulary(literalNames, symbolicNames) ::= <<
private static readonly string[] _LiteralNames = {
    <literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
};
private static readonly string[] _SymbolicNames = {
    <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
};
public static readonly IVocabulary DefaultVocabulary = new Vocabulary(_LiteralNames, _SymbolicNames);

[NotNull]
public override IVocabulary Vocabulary
{

```

```

get
{
    return DefaultVocabulary;
}
}
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs)
::= <<
<if(actionFuncs)>
public override void Action(RuleContext _localctx, int ruleIndex, int actionIndex) {
    switch (ruleIndex) {
        <recog.actionFuncs.values:{f|
case <f.ruleIndex> : <f.name>_action(<if(!recog.modes)>(<f.ctxType>)<endif>_localctx, actionIndex); break;};
separator="\n">
        }
    }
    <actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
public override bool Sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
    switch (ruleIndex) {
        <recog.sempredFuncs.values:{f|
case <f.ruleIndex> : return <f.name>_sempred(<if(!recog.modes)>(<f.ctxType>)<endif>_localctx, predIndex);};
separator="\n">
        }
    }
    return true;
}
    <sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(parser) ::= <<
public <csIdentifier.(parser.name)>(ITokenStream input) : this(input, Console.Out, Console.Error) { }

public <csIdentifier.(parser.name)>(ITokenStream input, TextWriter output, TextWriter errorOutput)
: base(input, output, errorOutput)
{
    Interpreter = new ParserATNSimulator(this,
    _ATN, decisionToDFA, sharedContextCache);
}
}
>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<
private void <r.name>_action(<r.ctxType> _localctx, int actionIndex) {

```

```

switch (actionIndex) {
  <actions:{index|
case <index>: <actions.(index)> break;}; separator="\n">
  }
}
>>

/* This generates a private method since the predIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleSempredFunction(r, actions) ::= <<
private bool <r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
  switch (predIndex) {
    <actions:{index|
case <index>: return <actions.(index)>;}; separator="\n">
  }
  return true;
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<if(ruleCtx)>
<ruleCtx>
<endif>
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">

[RuleVersion(<namedActions.version;
null="0">)]
<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else>public <endif><currentRule.ctxType>
<csIdentifier.(currentRule.name)>(<args; separator=", ">) {
  <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>>});
  EnterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
  <namedActions.init>
  <locals; separator="\n">
  try {
    <if(currentRule.hasLookaheadBlock)>
      int _alt;
    <endif>
    <code>
    <postamble; separator="\n">
    <namedActions.after>
  }
  <if(exceptions)>
  <exceptions; separator="\n">
  <else>

```

```

catch (RecognitionException re) {
    _localctx.exception = re;
    ErrorHandler.ReportError(this, re);
    ErrorHandler.Recover(this, re);
}
<endif>
finally {
    <finallyAction>
    ExitRule();
}
return _localctx;
}
>>

```

```

LeftFactoredRuleFunction(currentRule,args,code,locals,namedActions,finallyAction,postamble) ::=
<<

```

```

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f>
}><else>private <endif><currentRule.ctxType> <csIdentifier.(currentRule.name)>(<args; separator=", ">) {
    <currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
    EnterLeftFactoredRule(_localctx, <currentRule.startState>, RULE_<currentRule.variantOf>);
    <namedActions.init>
    <locals; separator="\n">
    try {
        <if(currentRule.hasLookaheadBlock)>
            int _alt;
        <endif>
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    }
    catch (RecognitionException re) {
        _localctx.exception = re;
        ErrorHandler.ReportError(this, re);
        ErrorHandler.Recover(this, re);
    }
    finally {
        <finallyAction>
        ExitRule();
    }
    return _localctx;
}
>>

```

```

// This behaves similar to RuleFunction (enterRule is called, and no adjustments
// are made to the parse tree), but since it's still a variant no context class
// needs to be generated.

```

```
LeftUnfactoredRuleFunction(currentRule,args,code,locals,namedActions,finallyAction,postamble) ::=
```

```
<<
```

```
<if(currentRule.modifiers)><currentRule.modifiers:{f
| <f> }><else>private <endif><currentRule.ctxType> <csIdentifier.(currentRule.name)>(<args; separator=", ">) {
<currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, State<currentRule.args:{a | ,
<csIdentifier.(a.name)>}>);
EnterRule(_localctx, <currentRule.startState>, RULE_<currentRule.variantOf>);
<namedActions.init>
<locals; separator="\n">
try {
<if(currentRule.hasLookaheadBlock)>
int _alt;
<endif>
<code>
<postamble; separator="\n">
<namedActions.after>
}
catch (RecognitionException re) {
_localctx.exception = re;
ErrorHandler.ReportError(this, re);
ErrorHandler.Recover(this, re);
}
finally {
<finallyAction>
ExitRule();
}
return _localctx;
}
>>
```

```
LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
namedActions,finallyAction,postamble) ::=
```

```
<<
```

```
<ruleCtx>
```

```
<altLabelCtxs:{l | <altLabelCtxs.(l)>}; separator="\n">
```

```
[RuleVersion(<namedActions.version; null="0">)]
```

```
<if(currentRule.modifiers)><currentRule.modifiers:{f
| <f> }><else>public <endif><currentRule.ctxType> <csIdentifier.(currentRule.name)>(<args; separator=", ">) {
return <csIdentifier.(currentRule.name)>(<0<currentRule.args:{a | , <csIdentifier.(a.name)>}>);
}
}
```

```
private <currentRule.ctxType> <csIdentifier.(currentRule.name)>(<int _p<args:{a | , <a>}> ) {
ParserRuleContext _parentctx = Context;
int _parentState = State;
<currentRule.ctxType> _localctx = new <currentRule.ctxType>(Context, _parentState<currentRule.args:{a | ,
```



```

<csIdentifier.(a.name)>>>;
<currentRule.ctxType> _prevctx = _localctx;
int _startState = <currentRule.startState>;
EnterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
<namedActions.init>
<locals; separator="\n">
try {
<if(currentRule.hasLookaheadBlock)>
    int _alt;
<endif>
<code>
<postamble; separator="\n">
<namedActions.after>
}
catch (RecognitionException re) {
    _localctx.exception = re;
    ErrorHandler.ReportError(this, re);
    ErrorHandler.Recover(this,
re);
}
finally {
    <finallyAction>
    UnrollRecursionContexts(_parentctx);
}
return _localctx;
}
>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
EnterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
{
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
}
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<if(choice.label)><labelref(choice.label)> = TokenStream.LT(1);<endif>
<preamble; separator="\n">

```

```

switch (TokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
<alt>
break;}; separator="\n">
default:
<error>
}
>>

```

```

LL1OptionalBlock(choice,
alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
switch (TokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
<alt>
break;}; separator="\n">
default:
break;
}
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<preamble; separator="\n">
if (<expr>) {
<alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>

```

```

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
<alts; separator="\n">
State = <choice.loopBackStateNumber>;
ErrorHandler.Sync(this);
<iteration>
}
>>

```

```

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
State = <choice.blockStartStateNumber>;<! alt block decision !>
ErrorHandler.Sync(this);
<preamble; separator="\n">

```

```

do {
    <alts; separator="\n">
    State = <choice.stateNumber>;<!
    loopback/exit decision !>
    ErrorHandler.Sync(this);
    <iteration>
} while ( <loopExpr> );
>>

// LL(*) stuff

AltBlock(choice, preamble, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
<if(choice.label)><labelref(choice.label)> = TokenStream.LT(1);<endif>
<preamble; separator="\n">
switch ( Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context) ) {
    <alts:{alt |
case <i>:
    <alt>
    break;}; separator="\n">
}
>>

OptionalBlock(choice, alts, error) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
switch ( Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context) ) {
    <alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
    break;}; separator="\n">
}
>>

StarBlock(choice, alts, sync, iteration) ::= <<
State = <choice.stateNumber>;
ErrorHandler.Sync(this);
_alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
while ( _alt!=<choice.exitAlt> && _alt!=global::Antlr4.Runtime.Atn.ATN.INVALID_ALT_NUMBER
) {
    if ( _alt==1<if(!choice.ast.greedy)>+1<endif> ) {
        <iteration>
        <alts> <! should only be one !>
    }
    State = <choice.loopBackStateNumber>;
    ErrorHandler.Sync(this);
    _alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);

```

```

}
>>

PlusBlock(choice, alts, error) ::= <<
State = <choice.blockStartStateNumber>;<! alt block decision !>
ErrorHandler.Sync(this);
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
  switch (_alt) {
    <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
    <alt>
    break;}; separator="\n">
    default:
    <error>
  }
  State = <choice.loopBackStateNumber>;<! loopback/exit decision !>
  ErrorHandler.Sync(this);
  _alt = Interpreter.AdaptivePredict(TokenStream,<choice.decision>,Context);
} while ( _alt!=<choice.exitAlt> && _alt!=global::Antlr4.Runtime.Atn.ATN.INVALID_ALT_NUMBER );
>>

```

```

Sync(s) ::= "Sync(<s.expecting.name>);"

```

```

ThrowNoViableAlt(t) ::= "throw new NoViableAltException(this);"

```

```

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s,
bits)><else><bitsetInlineComparison(s, bits)><endif>}; separator=" || ">
>>

```

```

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

```

```

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({ <offsetShift(s.varName, bits.shift)>})> && ((1L \<\< <offsetShift(s.varName, bits.shift)>) &
(<bits.ttypes:{ttype | (1L \<\< <offsetShift(tokenType.(ttype), bits.shift)>)}; separator=" | ">)) != 0)
%>

```

```

isZero ::= [
  "0":true,
  default:false
]

```

```

offsetShift(shiftAmount, offset) ::= <%

```

```

<if(!isZero(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>==<tokenType.(ttype)>}; separator=" || ">
%>

cases(ttypes)
::= <<
<types:{t | case <tokenType.(t)>:}; separator="\n">
>>

InvokeRule(r, argExprsChunks) ::= <<
State = <r.stateNumber>;
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><csIdentifier.(r.name)>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><arg
ExprsChunks>);
>>

MatchToken(m) ::= <<
State = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>Match(<tokenType.(m.name)>);
>>

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

CommonSetStuff(m, expr, capture, invert) ::= <<
State = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }>TokenStream.LT(1);<endif>
<capture>
if ( <if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>) ) {
  <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>ErrorHandler.RecoverInline(this);
}
else {
  ErrorHandler.ReportMatch(this);
  Consume();
}
>>

Wildcard(w) ::= <<
State = <w.stateNumber>;
<if(w.labels)><w.labels:{l
| <labelref(l)> = }><endif>MatchWildcard();
>>

```

```
// ACTION STUFF
```

```
Action(a, foo, chunks) ::= "<chunks>"
```

```
ArgAction(a, chunks) ::= "<chunks>"
```

```
SemPred(p, chunks, failChunks) ::= <<  
State = <p.stateNumber>;  
if (!(<chunks>)) throw new FailedPredicateException(this, <p.predicate><if(failChunks)>,  
<failChunks><elseif(p.msg)>, <p.msg><endif>);  
>>
```

```
ExceptionClause(e, catchArg, catchAction) ::= <<  
catch (<catchArg>) {  
    <catchAction>  
}  
>>
```

```
// lexer actions are not associated with model objects
```

```
LexerSkipCommand() ::= "Skip();"  
LexerMoreCommand() ::= "More();"  
LexerPopModeCommand() ::= "PopMode();"
```

```
LexerTypeCommand(arg, grammar)    ::= "_type = <tokenType.(arg)>;"  
LexerChannelCommand(arg, grammar) ::= "_channel = <channelName.(arg)>;"  
LexerModeCommand(arg, grammar)    ::= "_mode = <modeName.(arg)>;"  
LexerPushModeCommand(arg, grammar) ::= "PushMode(<modeName.(arg)>);"
```

```
ActionText(t) ::= "<t.text>"  
ActionTemplate(t) ::= "<t.st>"  
ArgRef(a) ::= "_localctx.<csIdentifier.(a.name)>"  
LocalRef(a)  
    ::= "_localctx.<csIdentifier.(a.name)>"  
RetValRef(a) ::= "_localctx.<csIdentifier.(a.name)>"  
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<csIdentifier.(a.name)>"  
/** How to translate $tokenLabel */  
TokenRef(t) ::= "<ctx(t)>.<csIdentifier.(tokenType.(t.name))>"  
LabelRef(t) ::= "<ctx(t)>.<csIdentifier.(t.name)>"  
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(csIdentifier.(t.name))>"  
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<csIdentifier.(s.name)> = <rhsChunks>;"
```

```
TokenLabelType() ::= "<file.TokenLabelType; null={IToken}>"  
InputSymbolType() ::= "<file.InputSymbolType; null={IToken}>"
```

```
TokenPropertyRef_text(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Text:null)"  
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Type:0)"  
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Line:0)"
```

```

TokenPropertyRef_pos(t) ::=
"<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.CharPositionInLine:0)"
TokenPropertyRef_channel(t)
::= "<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.Channel:0)"
TokenPropertyRef_index(t) ::=
"<ctx(t)>.<tokenType.(t.label)>!=null?<ctx(t)>.<tokenType.(t.label)>.TokenIndex:0)"
TokenPropertyRef_int(t) ::=
"<ctx(t)>.<tokenType.(t.label)>!=null?int.Parse(<ctx(t)>.<tokenType.(t.label)>.Text):0)"

RulePropertyRef_start(r) ::= "<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.Start):null)"
RulePropertyRef_stop(r) ::= "<ctx(r)>.<r.label>!=null?(<ctx(r)>.<r.label>.Stop):null)"
RulePropertyRef_text(r) ::=
"<ctx(r)>.<r.label>!=null?TokenStream.GetText(<ctx(r)>.<r.label>.Start,<ctx(r)>.<r.label>.Stop):null)"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "this"

ThisRulePropertyRef_start(r) ::= "_localctx.Start"
ThisRulePropertyRef_stop(r) ::= "_localctx.Stop"
ThisRulePropertyRef_text(r) ::= "TokenStream.GetText(_localctx.Start, TokenStream.LT(-1))"
ThisRulePropertyRef_ctx(r)
::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "this"

NonLocalAttrRef(s) ::= <%((<s.ruleName;
format="cap">Context)GetInvokingContext(<s.ruleIndex>)).<csIdentifier.(s.name)>%>
SetNonLocalAttr(s, rhsChunks) ::=
<%((<s.ruleName; format="cap">Context)GetInvokingContext(<s.ruleIndex>)).<csIdentifier.(s.name)> =
<rhsChunks>;%>

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.Add(<labelref(a.label)>);"

TokenDecl(t) ::= "<TokenLabelType() <csIdentifier.(tokenType.(t.name))>"
TokenTypeDecl(t) ::= "int <csIdentifier.(tokenType.(t.name))>);"
TokenListDecl(t) ::= "IList<IToken> <csIdentifier.(tokenType.(t.name))> = new List<IToken>()"
RuleContextDecl(r) ::= "<r.ctxName> <csIdentifier.(r.name)>"
RuleContextListDecl(rdecl) ::= "IList<<rdecl.ctxName>> <csIdentifier.(rdecl.name)> = new
List<<rdecl.ctxName>>()"

contextGetterCollection(elementType) ::= <%
<elementType>[]
%>

ContextTokenGetterDecl(t) ::=
"[System.Diagnostics.DebuggerNonUserCode]
public ITerminalNode <csIdentifier.(tokenType.(t.name))>() { return
GetToken(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>, 0); }"
ContextTokenListGetterDecl(t) ::= <<
[System.Diagnostics.DebuggerNonUserCode] public <contextGetterCollection("ITerminalNode")>

```

```

<csIdentifier.(tokenType.(t.name))>() { return
GetTokens(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>); }
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
[System.Diagnostics.DebuggerNonUserCode] public ITerminalNode <csIdentifier.(tokenType.(t.name))>(int i) {
return GetToken(<csIdentifier.(parser.name)>.<csIdentifier.(tokenType.(t.name))>, i);
}
>>

ContextRuleGetterDecl(r) ::= <<
[System.Diagnostics.DebuggerNonUserCode] public <r.ctxName> <csIdentifier.(r.name)>() {
return GetRuleContext\<<r.ctxName>\>(0);
}
>>

ContextRuleListGetterDecl(r) ::= <<
[System.Diagnostics.DebuggerNonUserCode] public <contextGetterCollection({<r.ctxName>})>
<csIdentifier.(r.name)>() {
return GetRuleContexts\<<r.ctxName>\>();
}
>>

ContextRuleListIndexedGetterDecl(r)
::= <<
[System.Diagnostics.DebuggerNonUserCode] public <r.ctxName> <csIdentifier.(r.name)>(int i) {
return GetRuleContext\<<r.ctxName>\>(i);
}
>>

LexerRuleContext() ::= "RuleContext"

/** The rule context name is the rule followed by a suffix; e.g.,
* r becomes rContext.
*/
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenType.(tokenName)>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "_<label>"

CaptureNextToken(d) ::= "<d.varName> = TokenStream.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = TokenStream.LA(1);"

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers,
superClass={ParserRuleContext}) ::= <<
public partial class <struct.name> :
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)>, <interfaces>;
separator=", "><endif>
{
<attrs:{a | public <a>;}; separator="\n">

```



```

<getters:{g | <g>}; separator="\n">
<if(ctorAttrs)>public <struct.name>(ParserRuleContext parent, int invokingState) : base(parent, invokingState) {
}<endif>
public <struct.name>(ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>}>)
: base(parent, invokingState)
{
<struct.ctorAttrs:{a | this.<csIdentifier.(a.name)> = <csIdentifier.(a.name)>;}; separator="\n">
}
public override int RuleIndex { get { return RULE_<struct.derivedFromName>; } }
<if(struct.provideCopyFrom)><!-- don't need copy unless we have subclasses !-->
public <struct.name>() { }
public virtual void CopyFrom(<struct.name> context) {
base.CopyFrom(context);
<struct.attrs:{a | this.<csIdentifier.(a.name)> = context.<csIdentifier.(a.name)>;}; separator="\n">
}
<endif>
<dispatchMethods; separator="\n">
<extensionMembers; separator="\n">
}
>>

```

```

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
public partial class <struct.name> : <currentRule.name>;
format="cap">Context {
<attrs:{a | public <a>;}; separator="\n">
<getters:{g | <g>}; separator="\n">
public <struct.name>(<currentRule.name>; format="cap">Context context) { CopyFrom(context); }
<dispatchMethods; separator="\n">
}
>>

```

```

ListenerDispatchMethod(method) ::= <<
[System.Diagnostics.DebuggerNonUserCode]
public override void <if(method.isEnter)>Enter<else>Exit<endif>Rule(IParseTreeListener listener) {
I<parser.grammarName>Listener typedListener = listener as I<parser.grammarName>Listener;
if (typedListener != null) typedListener.<if(method.isEnter)>Enter<else>Exit<endif><struct.derivedFromName>;
format="cap">(this);
}
>>

```

```

VisitorDispatchMethod(method) ::= <<
[System.Diagnostics.DebuggerNonUserCode]
public override TResult Accept<TResult>(IParseTreeVisitor<TResult> visitor) {
I<parser.grammarName>Visitor<TResult> typedVisitor = visitor as I<parser.grammarName>Visitor<TResult>;
if (typedVisitor != null) return typedVisitor.Visit<struct.derivedFromName>; format="cap">(this);
else
return visitor.VisitChildren(this);
}

```

>>

```
AttributeDecl(d) ::= "<d.type> <csIdentifier.(d.name)><if(d.initValue)> = <d.initValue><endif>"
```

```
/** If we don't know location of label def x, use this template */
```

```
labelref(x) ::= "<if(!x.isLocal)><typedContext(x.ctx)>.<endif><csIdentifier.(x.name)>"
```

```
/** For any action chunk, what is correctly-typed context struct ptr? */
```

```
ctx(actionChunk) ::= "<typedContext(actionChunk.ctx)>"
```

```
// only casts _localctx to the type when the cast isn't redundant (i.e. to a sub-context for a labeled alt)
```

```
typedContext(ctx) ::= "<if(ctx.provideCopyFrom)>((<ctx.name>) _localctx)<else> _localctx<endif>"
```

```
// used for left-recursive rules
```

```
recRuleAltPredicate(ruleName,opPrec) ::= "Precpred(Context, <opPrec>)"
```

```
recRuleSetReturnAction(src,name) ::= "$<name>=$<src>.<name>;"
```

```
recRuleSetStopToken() ::= "Context.Stop = TokenStream.LT(-1);"
```

```
recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
```

```
_localctx = new <ctxName>Context(_parentctx,
```

```
_parentState);
```

```
<if(label)>
```

```
<if(isListLabel)>
```

```
_localctx.<label>.Add(_prevctx);
```

```
<else>
```

```
_localctx.<label> = _prevctx;
```

```
<endif>
```

```
<endif>
```

```
PushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
```

```
>>
```

```
recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
```

```
_localctx = new <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
```

```
_parentState));
```

```
<if(label)>
```

```
<if(isListLabel)>
```

```
((<currentAltLabel; format="cap">Context)_localctx).<label>.Add(_prevctx);
```

```
<else>
```

```
((<currentAltLabel; format="cap">Context)_localctx).<label> = _prevctx;
```

```
<endif>
```

```
<endif>
```

```
PushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
```

```
>>
```

```
recRuleReplaceContext(ctxName) ::= <<
```

```
_localctx = new <ctxName>Context(_localctx);
```

```
Context = _localctx;
```

```
_prevctx = _localctx;
```

```
>>
```

```
recRuleSetPrevCtx() ::= <<  
if ( ParseListeners!=null )  
    TriggerExitRuleEvent();  
_prevctx = _localctx;  
>>
```

```
LexerFile(file, lexer, namedActions) ::= <<  
<fileHeader(file.grammarFileName,  
    file.ANTLRVersion)>  
<if(file.genPackage)>  
namespace <file.genPackage> {  
<endif>  
<namedActions.header>  
using System;  
using System.IO;  
using System.Text;  
using Antlr4.Runtime;  
using Antlr4.Runtime.Atn;  
using Antlr4.Runtime.Misc;  
using DFA = Antlr4.Runtime.Dfa.DFA;  
  
<lexer>  
<if(file.genPackage)>  
} // namespace <file.genPackage>  
<endif>  
>>
```

```
Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<  
[System.CodeDom.Compiler.GeneratedCode("ANTLR", "<file.ANTLRVersion>")]  
[System.CLSCompliant(false)]  
public partial class <csIdentifier.(lexer.name)> : <superClass; null="Lexer"> {  
    protected static DFA[] decisionToDFA;  
    protected static PredictionContextCache sharedContextCache = new PredictionContextCache();  
    <if(lexer.tokens)>  
    public const int  
        <lexer.tokens:{k | <tokenType.(k)>=<lexer.tokens.(k)>}; separator=", ", wrap, anchor>;  
    <endif>  
    <if(lexer.channels)>  
    public const int  
        <lexer.channels:{k | <csIdentifier.(k)>=<lexer.channels.(k)>}; separator=", ", wrap, anchor>;  
    <endif>  
    <if(rest(lexer.modes))>  
    public  
    const int  
        <rest(lexer.modes):{m | <m>=<i>}; separator=", ", wrap, anchor>;  
    </if>  
}
```

```

<endif>
public static string[] channelNames = {
    "DEFAULT_TOKEN_CHANNEL", "HIDDEN"<if (lexer.channels)>, <lexer.channels:{c| "<c>"}; separator=", ",
wrap, anchor><endif>
};

public static string[] modeNames = {
    <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor>
};

public static readonly string[] ruleNames = {
    <lexer.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor>
};

<namedActions.members>

public <csIdentifier.(lexer.name)>(ICharStream input)
: this(input, Console.Out, Console.Error) { }

public <csIdentifier.(lexer.name)>(ICharStream input, TextWriter output, TextWriter errorOutput)
: base(input, output, errorOutput)
{
    Interpreter = new LexerATNSimulator(this, _ATN, decisionToDFA, sharedContextCache);
}

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

public override string GrammarFileName { get { return "<lexer.grammarFileName>"; } }

public
override string[] RuleNames { get { return ruleNames; } }

public override string[] ChannelNames { get { return channelNames; } }

public override string[] ModeNames { get { return modeNames; } }

public override string SerializedAtn { get { return new string(_serializedATN); } }

static <csIdentifier.(lexer.name)>() {
    decisionToDFA = new DFA[_ATN.NumberOfDecisions];
    for (int i = 0; i < _ATN.NumberOfDecisions; i++) {
        decisionToDFA[i] = new DFA(_ATN.GetDecisionState(i), i);
    }
}
<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>

```

```
SerializedATN(model) ::= <<
private static char[] _serializedATN = {
    <model.serialized; separator=",", wrap>,
};

public static readonly ATN _ATN =
    new ATNDeserializer().Deserialize(_serializedATN);
```

```
>>
```

```
initValue(typeName) ::= <<
default(<typeName>)
>>
```

```
codeFileExtension() ::= ".cs"
```

```
modeName ::= [
    "DEFAULT_MODE" : "DefaultMode",
    default : key
]
```

```
channelName ::= [
    "HIDDEN" : "Hidden",
    "DEFAULT_TOKEN_CHANNEL" : "DefaultTokenChannel",
    default
    : key
]
```

```
tokenType ::= [
    "EOF" : "Eof",
    default : key
]
```

```
csIdentifier ::= [
    "abstract" : "@abstract",
    "as" : "@as",
    "base" : "@base",
    "bool" : "@bool",
    "break" : "@break",
    "byte" : "@byte",
    "case" : "@case",
    "catch" : "@catch",
    "char" : "@char",
    "checked" : "@checked",
    "class" : "@class",
```

"const" : "@const",
"continue" : "@continue",
"decimal" : "@decimal",
"default" : "@default",
"delegate" : "@delegate",
"do" : "@do",
"double" : "@double",
"else" : "@else",
"enum" : "@enum",
"event" : "@event",
"explicit" : "@explicit",
"extern" : "@extern",
"false" : "@false",
"finally" : "@finally",
"fixed" : "@fixed",
"float" : "@float",
"for" : "@for",
"foreach" : "@foreach",
"goto" : "@goto",
"if" : "@if",
"implicit" : "@implicit",
"in" : "@in",
"int" : "@int",
"interface" : "@interface",
"internal" : "@internal",
"is" : "@is",
"lock" : "@lock",
"long" : "@long",
"namespace" : "@namespace",
"new" : "@new",
"null" : "@null",
"object"
: "@object",
"operator" : "@operator",
"out" : "@out",
"override" : "@override",
"params" : "@params",
"private" : "@private",
"protected" : "@protected",
"public" : "@public",
"readonly" : "@readonly",
"ref" : "@ref",
"return" : "@return",
"sbyte" : "@sbyte",
"sealed" : "@sealed",
"short" : "@short",
"sizeof" : "@sizeof",
"stackalloc" : "@stackalloc",

```

"static" : "@static",
"string" : "@string",
"struct" : "@struct",
"switch" : "@switch",
"this" : "@this",
"throw" : "@throw",
"true" : "@true",
"try" : "@try",
"typeof" : "@typeof",
"uint" : "@uint",
"ulong" : "@ulong",
"unchecked" : "@unchecked",
"unsafe" : "@unsafe",
"ushort" : "@ushort",
"using" : "@using",
"virtual" : "@virtual",
"values" : "@values",
"void" : "@void",
"volatile" : "@volatile",
"while" : "@while",
default : key
]

```

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/CSharp/CSharp.stg

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*/
```

```
dartTypeInitMap ::= [
  "int": "0",
  "double": "0.0",
  "bool": "false",
  default: "null" // anything other than a primitive type is an object
]
```

```
// args must be <object-model-object>, <fields-resulting-in-STs>
```

```
ParserFile(file, parser, namedActions, contextSuperClass) ::= <<
  <fileHeader(file.grammarFileName,
    file.ANTLRVersion)>
  <if(file.genPackage)>
    library <file.genPackage>;
```

```
import 'package:antlr4/antlr4.dart';
import 'dart:io';
```

```
<if(file.genListener)>
  part '<file.grammarName>Listener.dart';
  part '<file.grammarName>BaseListener.dart';
<endif>
<if(file.genVisitor)>
  part '<file.grammarName>Visitor.dart';
  part '<file.grammarName>BaseVisitor.dart';
<endif>
  part '<file.grammarName>Lexer.dart';
  <else>
    import 'package:antlr4/antlr4.dart';
    import 'dart:io';
```

```
<if(file.genListener)>
  import '<file.grammarName>Listener.dart';
  import '<file.grammarName>BaseListener.dart';
<endif>
<if(file.genVisitor)>
  import '<file.grammarName>Visitor.dart';
  import '<file.grammarName>BaseVisitor.dart';
<endif>
<endif>
```

```
<namedActions.header>
<parser>
>>
```

```

ListenerFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
part of <file.genPackage>;
<else>
import 'package:antlr4/antlr4.dart';

import '<file.parserName>.dart';
<endif>
<header>

///
This abstract class defines a complete listener for a parse tree produced by
/// [<file.parserName>].
abstract class <file.grammarName>Listener extends ParseTreeListener {
<file.listenerNames:{lname |
<if(file.listenerLabelRuleNames.(lname))>
/// Enter a parse tree produced by the [<lname>]
/// labeled alternative in [file.parserName>.<file.listenerLabelRuleNames.(lname)>].
<else>
/// Enter a parse tree produced by [<file.parserName>.<lname>].
<endif>
/// [ctx] the parse tree
void enter<lname; format="cap">(<lname; format="cap">Context ctx);
<if(file.listenerLabelRuleNames.(lname))>
/// Exit a parse tree produced by the [<lname>]
/// labeled alternative in [<file.parserName>.<file.listenerLabelRuleNames.(lname)>].
<else>
/// Exit a parse tree produced by [<file.parserName>.<lname>].
<endif>
/// [ctx] the parse tree
void exit<lname; format="cap">(<lname; format="cap">Context ctx);}; separator="\n">
}
>>

BaseListenerFile(file, header, namedActions)
::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
part of <file.genPackage>;
<else>
import 'package:antlr4/antlr4.dart';

import '<file.parserName>.dart';
import '<file.grammarName>Listener.dart';
<endif>

```

<header>

```
/// This class provides an empty implementation of [<file.grammarName>Listener],
/// which can be extended to create a listener which only needs to handle
/// a subset of the available methods.
class <file.grammarName>BaseListener implements <file.grammarName>Listener {
  <file.listenerNames>{lname |

  /// The default implementation does nothing.
  @override
  void enter<lname; format="cap">(<lname; format="cap">Context ctx) {}

  /// The default implementation does nothing.
  @override
  void exit<lname; format="cap">(<lname; format="cap">Context ctx) {}}; separator="\n">

  /// The default implementation does nothing.
  @override
  void enterEveryRule(ParserRuleContext ctx) {}

  /// The default implementation does nothing.
  @override
  void exitEveryRule(ParserRuleContext ctx) {}

  /// The default implementation does nothing.
  @override
  void visitTerminal(TerminalNode node) {}

  /// The default implementation does nothing.
  @override
  void visitErrorNode(ErrorNode node) {}
}
```

>>

```
VisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
part of <file.genPackage>;
<else>
import 'package:antlr4/antlr4.dart';

import '<file.parserName>.dart';
<endif>
<header>
```

```
/// This abstract class defines a complete generic visitor for a parse tree
/// produced by [<file.parserName>].
```

```

///
/// [T] is the return type of the visit operation. Use `void` for
/// operations with no return type.
abstract class <file.grammarName>Visitor<T> extends ParseTreeVisitor<T> {
  <file.visitorNames:{lname |
<if(file.visitorLabelRuleNames.(lname))>
  /// Visit a parse tree produced by the {@code <lname>}
  /// labeled alternative in {@link <file.parserName>#<file.visitorLabelRuleNames.(lname)>}.
  <else>
  ///
  Visit a parse tree produced by [<file.parserName>.<lname>].
  <endif>
  /// [ctx] the parse tree.
  /// Return the visitor result.
  T visit<lname; format="cap">(<lname; format="cap">Context ctx);}; separator="\n">
}
>>

BaseVisitorFile(file, header, namedActions) ::= <<
<fileHeader(file.grammarFileName, file.ANTLRVersion)>
<if(file.genPackage)>
part of <file.genPackage>;
<else>
import 'package:antlr4/antlr4.dart';

import '<file.parserName>.dart';
import '<file.grammarName>Visitor.dart';
<endif>
<header>

/// This class provides an empty implementation of [<file.grammarName>Visitor],
/// which can be extended to create a visitor which only needs to handle
/// a subset of the available methods.
///
/// [T] is the return type of the visit operation. Use `void` for
/// operations with no return type.
class <file.grammarName>BaseVisitor<T> extends ParseTreeVisitor<T> implements
<file.grammarName>Visitor<T> {
  <file.visitorNames:{lname |
  /// The default implementation
  returns the result of calling
  /// [visitChildren] on [ctx].
  @override
  T visit<lname; format="cap">(<lname; format="cap">Context ctx) => visitChildren(ctx);}; separator="\n">
}
>>

fileHeader(grammarFileName, ANTLRVersion) ::= <<

```

```

// Generated from <grammarFileName> by ANTLR <ANTLRVersion>
// ignore_for_file: unused_import, unused_local_variable, prefer_single_quotes
>>

Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<
<Parser_(ctor="parser_ctor", ...)>
>>

Parser_(parser, funcs, atn, sempredFuncs, ctor, superClass) ::= <<
<if(namedActions.definitions)><namedActions.definitions><endif>
<if(parser.rules)>
const int <parser.rules:{r | RULE_<r.name> = <r.index>}; separator=", ", wrap, anchor>;
<endif>
class <parser.name> extends <superClass; null="Parser"> {
    static final checkVersion = () => RuntimeMetaData.checkVersion('<file.ANTLRVersion>',
RuntimeMetaData.VERSION);
    static const int TOKEN_EOF = IntStream.EOF;

    static final List<DFA> _decisionToDFA = List.generate(

        _ATN.numberOfDecisions, (i) => DFA(_ATN.getDecisionState(i), i));
    static final PredictionContextCache _sharedContextCache = PredictionContextCache();
    <if(parser.tokens)>
    static const int <parser.tokens:{k | TOKEN_<k> = <parser.tokens.(k)>}; separator=", ", wrap, anchor>;
    <endif>

    @override
    final List<String> ruleNames = [
        <parser.ruleNames:{r | '<r>'}; separator=", ", wrap, anchor>
    ];

    <vocabulary(parser.literalNames, parser.symbolicNames)>

    @override
    String get grammarFileName => '<parser.grammarFileName>';

    @override
    String get serializedATN => _serializedATN;

    @override
    ATN getATN() {
        return _ATN;
    }

    <namedActions.members>
    <parser:(ctor)()>
    <funcs; separator="\n">

```

```

<if(sempredFuncs)>
@override
bool sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
    switch (ruleIndex) {
        <parser.sempredFuncs.values:{f|
case <f.ruleIndex>:
return _<f.name>_sempred(_localctx, predIndex);}; separator="\n">
    }
    return true;
}
    <sempredFuncs.values; separator="\n">
<endif>

<atn>
}
<funcs:{func | <if(func.ruleCtx)><func.ruleCtx><endif>}; separator="\n\n">

<funcs:{func | <if(func.altLabelCtxs)><func.altLabelCtxs:{l | <func.altLabelCtxs.(l)>};
separator="\n\n"><endif>}>
>>

vocabulary(literalNames, symbolicNames) ::= <<
static final List<String> _LITERAL_NAMES = [
    <literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
];
static final List<String> _SYMBOLIC_NAMES = [
    <symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor>
];
static final Vocabulary VOCABULARY = VocabularyImpl(_LITERAL_NAMES, _SYMBOLIC_NAMES);

@override
Vocabulary get vocabulary {
    return VOCABULARY;
}
>>

dumpActions(recog, argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
void action(RuleContext _localctx, int ruleIndex, int actionIndex) {
    switch (ruleIndex) {
        <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
    _<f.name>_action(_localctx, actionIndex);
    break;}; separator="\n">
    }
}
    <actionFuncs.values;

```

```

separator="\n">
<endif>
<if(sempredFuncs)>
bool sempred(RuleContext _localctx, int ruleIndex, int predIndex) {
switch (ruleIndex) {
<recog.sempredFuncs.values:{f|
case <f.ruleIndex>:
return _<f.name>_sempred(_localctx, predIndex);}; separator="\n">
}
return true;
}
<sempredFuncs.values; separator="\n">
<endif>
>>

parser_ctor(p) ::= <<
<p.name>(TokenStream input) : super(input) {
interpreter = ParserATNSimulator(this, _ATN, _decisionToDFA, _sharedContextCache);
}
>>

/// This generates a private method since the actionIndex is generated, making an
/// overriding implementation impossible to maintain.
RuleActionFunction(r, actions) ::= <<
void _<r.name>_action(<r.ctxType> _localctx, int actionIndex) {
switch (actionIndex) {
<actions:{index|case <index>: <actions.(index)> break;}; separator="\n">
}
}
>>

/// This generates a private method since the predIndex is generated, making an
/// overriding implementation impossible to maintain.
RuleSempredFunction(r,
actions) ::= <<
bool _<r.name>_sempred(<r.ctxType> _localctx, int predIndex) {
switch (predIndex) {
<actions:{index|case <index>: return <actions.(index)>;}; separator="\n">
}
return true;
}
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<if(currentRule.modifiers)><currentRule.modifiers:{f | <f> }><else><endif><currentRule.ctxType>
<currentRule.name>(<args; separator=", ">) {

```

```

dynamic _localctx = <currentRule.ctxType>(context, state<currentRule.args:{a | , <a.name>}>);
enterRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>);
<namedActions.init>
<locals; separator="\n">
try {
<if(currentRule.hasLookaheadBlock)>
    int _alt;
<endif>
    <code>
    <postamble; separator="\n">
    <namedActions.after>
} <if(exceptions)> <exceptions; separator="\n"><else>on RecognitionException catch (re) {
    _localctx.exception = re;
    errorHandler.reportError(this, re);
    errorHandler.recover(this,
re);
}<endif> finally {
    <finallyAction>
    exitRule();
}
return _localctx;
}
>>

```

```

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
namedActions,finallyAction,postamble) ::=
<<

```

```

<currentRule.ctxType> <currentRule.name>([int _p = 0]<args:{a | , <a>}>)> {
    final _parentctx = context;
    final _parentState = state;
    dynamic _localctx = <currentRule.ctxType>(context, _parentState<currentRule.args:{a | , <a.name>}>);
    var _prevctx = _localctx;
    var _startState = <currentRule.startState>;
    enterRecursionRule(_localctx, <currentRule.startState>, RULE_<currentRule.name>, _p);
    <namedActions.init>
    <locals; separator="\n">
    try {
    <if(currentRule.hasLookaheadBlock)>
        int _alt;
    <endif>
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    } on RecognitionException catch (re) {
        _localctx.exception = re;
        errorHandler.reportError(this, re);
        errorHandler.recover(this, re);
    }
}

```



```

    } finally {
        <finallyAction>
        unrollRecursionContexts(_parentctx);
    }
    return _localctx;
}
>>

```

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>_localctx = <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(_localctx);<endif>
enterOuterAlt(_localctx, <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = tokenStream.LT(1);<endif>
<preamble; separator="\n">
switch (tokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
<alt>
break;}; separator="\n">
default:
<error>
}
>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
switch
(tokenStream.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
<alt>
break;}; separator="\n">
default:
break;
}
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
<preamble; separator="\n">
if (<expr>) {
    <alts; separator="\n">
}
<!else if ( !(<followExpr>) ) <error>!>
>>

```

```

LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
<preamble; separator="\n">
while (<loopExpr>) {
    <alts; separator="\n">
    state = <choice.loopBackStateNumber>;
    errorHandler.sync(this);
    <iteration>
}
>>

```

```

LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
state = <choice.blockStartStateNumber>; <! alt block decision !>
errorHandler.sync(this);
<preamble; separator="\n">
do {
    <alts; separator="\n">
    state = <choice.stateNumber>; <! loopback/exit decision !>
    errorHandler.sync(this);
    <iteration>
} while (<loopExpr>);
>>

```

```

// LL(*) stuff

```

```

AltBlock(choice, preamble, alts, error) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = tokenStream.LT(1);<endif>
<preamble; separator="\n">
switch (interpreter.adaptivePredict(tokenStream, <choice.decision>, context)) {
    <alts:{alt |
case <i>:
    <alt>
    break;}; separator="\n">
}
>>

```

```

OptionalBlock(choice, alts, error) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
switch (interpreter.adaptivePredict(tokenStream, <choice.decision>, context)) {
<alts:{alt |
case <i><if(!choice.ast.greedy)>+1<endif>:
<alt>
break;}; separator="\n">
}
>>

```

```

StarBlock(choice, alts, sync, iteration) ::= <<
state = <choice.stateNumber>;
errorHandler.sync(this);
_alt = interpreter.adaptivePredict(tokenStream, <choice.decision>, context);
while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER) {
if (_alt == 1<if(!choice.ast.greedy)> + 1<endif>) {

<iteration>
<alts> <! should only be one !>
}
state = <choice.loopBackStateNumber>;
errorHandler.sync(this);
_alt = interpreter.adaptivePredict(tokenStream, <choice.decision>, context);
}
>>

```

```

PlusBlock(choice, alts, error) ::= <<
state = <choice.blockStartStateNumber>; <! alt block decision !>
errorHandler.sync(this);
_alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
switch (_alt) {
<alts:{alt|
case <i><if(!choice.ast.greedy)> + 1<endif>:
<alt>
break;}; separator="\n">
default:
<error>
}
state = <choice.loopBackStateNumber>; <! loopback/exit decision !>
errorHandler.sync(this);
_alt = interpreter.adaptivePredict(tokenStream, <choice.decision>, context);
} while (_alt != <choice.exitAlt> && _alt != ATN.INVALID_ALT_NUMBER);
>>

```

```

Sync(s) ::= "sync(<s.expecting.name>);"

```

```

ThrowNoViableAlt(t) ::= "throw NoViableAltException(this);"

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>

// Java language spec 15.19 - shift operators mask operands rather than overflow to 0... need range test
testShiftInRange(shiftAmount) ::= <<
((<shiftAmount>) & ~0x3f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShift(s.varName, bits.shift)>})> && ((BigInt.one \<\< <offsetShift(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (BigInt.one \<\< <offsetShift({TOKEN_<ttype>}, bits.shift)>}); separator=" |
">)) != BigInt.zero)
%>

isZero ::= [
"0":true,
default:false
]

offsetShift(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName> == TOKEN_<ttype>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case TOKEN_<t>:}; separator="\n">
>>

InvokeRule(r,
  argExprsChunks) ::= <<
state = <r.stateNumber>;
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif><r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChunks>
);
>>

MatchToken(m) ::= <<
state = <m.stateNumber>;

```

```

<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>match(TOKEN_<m.name>);
>>

```

```

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

```

```

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

```

```

CommonSetStuff(m, expr, capture, invert) ::= <<
state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }>tokenStream.LT(1);<endif>
<capture>
if (<if(invert)><m.varName> \<= 0 || <else>!<endif>(<expr>)) {
  <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>errorHandler.recoverInline(this);
} else {
  if ( tokenStream.LA(1)==IntStream.EOF ) matchedEOF = true;
  errorHandler.reportMatch(this);
  consume();
}
>>

```

```

Wildcard(w) ::= <<
state = <w.stateNumber>;
<if(w.labels)><w.labels:{l
| <labelref(l)> = }><endif>matchWildcard();
>>

```

```

// ACTION STUFF

```

```

Action(a, foo, chunks) ::= "<chunks>"

```

```

ArgAction(a, chunks) ::= "<chunks>"

```

```

SemPred(p, chunks, failChunks) ::= <<
state = <p.stateNumber>;
if (!(<chunks>)) {
  throw FailedPredicateException(this, <p.predicate><if(failChunks)>, <failChunks><elseif(p.msg)>,
<p.msg><endif>);
}
>>

```

```

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
  <catchAction>
}
>>

```

```

// lexer actions are not associated with model objects

```

```

LexerSkipCommand() ::= "skip();"
LexerMoreCommand() ::= "more();"
LexerPopModeCommand() ::= "popMode();"

LexerTypeCommand(arg, grammar)    ::= "type = <arg>;"
LexerChannelCommand(arg, grammar) ::= "channel = <arg>;"
LexerModeCommand(arg, grammar)    ::= "mode_ = <arg>;"
LexerPushModeCommand(arg, grammar) ::= "pushMode(<arg>;"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "_localctx.<a.name>"
LocalRef(a) ::= "_localctx.<a.name>"
RetValRef(a)
    ::= "_localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>;"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "<ctx(t)>.<t.label>?.text"
TokenPropertyRef_type(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.type : 0"
TokenPropertyRef_line(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.line : 0"
TokenPropertyRef_pos(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.charPositionInLine : 0"
TokenPropertyRef_channel(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.channel : 0"
TokenPropertyRef_index(t) ::= "<ctx(t)>.<t.label> != null ? <ctx(t)>.<t.label>.tokenIndex : 0"
TokenPropertyRef_int(t) ::= "<ctx(t)>.<t.label> != null ?
    int.parse(<ctx(t)>.<t.label>.text) : 0"

RulePropertyRef_start(r) ::= "<ctx(r)>.<r.label>?.start"
RulePropertyRef_stop(r) ::= "<ctx(r)>.<r.label>?.stop"
RulePropertyRef_text(r) ::= "(<ctx(r)>.<r.label> != null ? tokenStream.getTextRange(<ctx(r)>.<r.label>.start,
    <ctx(r)>.<r.label>.stop) : null)"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "this"

ThisRulePropertyRef_start(r) ::= "_localctx.start"
ThisRulePropertyRef_stop(r) ::= "_localctx.stop"
ThisRulePropertyRef_text(r) ::= "tokenStream.getTextRange(_localctx.start, tokenStream.LT(-1))"
ThisRulePropertyRef_ctx(r) ::= "_localctx"
ThisRulePropertyRef_parser(r) ::= "this"

NonLocalAttrRef(s) ::= "(getInvokingContext(<s.ruleIndex>) as <s.ruleName; format=\"cap\\\">Context).<s.name>"

```

```

SetNonLocalAttr(s, rhsChunks) ::=
"(getInvokingContext(<s.ruleIndex>) as <s.ruleName; format=\"cap\">Context).<s.name> = <rhsChunks>;"

AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.add(<labelref(a.label)>);"

TokenDecl(t)
::= "<TokenLabelType()> <t.name>"
TokenTypeDecl(t) ::= "int <t.name>;"
TokenListDecl(t) ::= "List<<Token> <t.name> = List<<Token>()"
RuleContextDecl(r) ::= "<r.ctxName> <r.name>"
RuleContextListDecl(rdecl) ::= "List<<rdecl.ctxName>> <rdecl.name> = List<<rdecl.ctxName>>()"

ContextTokenGetterDecl(t) ::= <<
TerminalNode <t.name>() => getToken(<parser.name>.TOKEN_<t.name>, 0);
>>

ContextTokenListGetterDecl(t) ::= <<
List<<TerminalNode> <t.name>s() => getTokens(<parser.name>.TOKEN_<t.name>);
>>

ContextTokenListIndexedGetterDecl(t) ::= <<
TerminalNode <t.name>(int i) => getToken(<parser.name>.TOKEN_<t.name>, i);
>>

ContextRuleGetterDecl(r) ::= <<
<r.ctxName> <r.name>() => getRuleContext<<r.ctxName>>()();
>>

ContextRuleListGetterDecl(r) ::= <<
List<<r.ctxName>> <r.name>s() => getRuleContexts<<r.ctxName>>()();
>>

ContextRuleListIndexedGetterDecl(r) ::= <<
<r.ctxName> <r.name>(int i) => getRuleContext<<r.ctxName>>()();
>>

LexerRuleContext() ::= "RuleContext"

/// The rule
context name is the rule followed by a suffix; e.g.,
/// r becomes rContext.
RuleContextNameSuffix() ::= "Context"

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "<label>"

CaptureNextToken(d) ::= "<d.varName> = tokenStream.LT(1);"
CaptureNextTokenType(d) ::= "<d.varName> = tokenStream.LA(1);"

StructDecl(struct, ctorAttrs, attrs, getters, dispatchMethods, interfaces, extensionMembers)
::= <<

```

```

class <struct.name> extends
<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif><if(interfaces)> implements
<interfaces; separator=", "><endif> {
  <attrs:{a | <a>;}; separator="\n">
  <getters:{g | <g>;}; separator="\n">
  <struct.name>([ParserRuleContext parent, int invokingState<ctorAttrs:{a | , <a>>}]) : super(parent,
invokingState)<if(struct.ctorAttrs)> {
    <struct.ctorAttrs:{a | this.<a.name> = <a.name>;}; separator="\n">
  }<else>;<endif>

```

```
@override
```

```

int get ruleIndex => RULE_<struct.derivedFromName>;
<if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
@override
void copyFrom(<if(contextSuperClass)><contextSuperClass><else>ParserRuleContext<endif> ctx) {
  super.copyFrom(ctx);
  <struct.attrs:{a | this.<a.name> = (ctx as <struct.name>).<a.name>;}; separator="\n">
}
<endif>
<dispatchMethods; separator="\n">
<extensionMembers; separator="\n">
}
>>

```

```

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
class <struct.name> extends <struct.parentRule; format="cap">Context {
  <attrs:{a | <a>;}; separator="\n">
  <getters:{g | <g>;}; separator="\n">
  <struct.name>(<struct.parentRule; format="cap">Context ctx) { copyFrom(ctx); }
  <dispatchMethods; separator="\n">
}
>>

```

```

ListenerDispatchMethod(method) ::= <<
@override
void <if(method.isEnter)>enter<else>exit<endif>Rule(ParseTreeListener listener) {
  if (listener is <parser.grammarName>Listener)
  listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName;
  format="cap">(this);
}
>>

```

```

VisitorDispatchMethod(method) ::= <<
@override
T accept\<T>(ParseTreeVisitor\<T> visitor) {
  if (visitor is <parser.grammarName>Visitor\<T>) {
    return visitor.visit<struct.derivedFromName; format="cap">(this);
  }
}
>>

```



```

    } else {
        return visitor.visitChildren(this);
    }
}
>>

```

```

AttributeDecl(d) ::= "<d.type> <d.name><if(d.initValue)> = <d.initValue><endif>"

```

```

// If we don't know location of label def x, use this template
labelref(x) ::= "<if(!x.isLocal)> _localctx.<endif><x.name>"

```

```

// For any action chunk, what is correctly-typed context struct ptr?
ctx(actionChunk) ::= "_localctx"

```

```

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "precpred(context, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name> = $<src>.<name>;"
recRuleSetStopToken() ::= "context.stop = tokenStream.LT(-1);"

```

```

recRuleAltStartAction(ruleName, ctxName, label, isListLabel) ::= <<
    _localctx = <ctxName>Context(_parentctx, _parentState);
    <if(label)>
    <if(isListLabel)>
        _localctx.<label>.add(_prevctx);
    <else>
        _localctx.<label>
            = _prevctx;
    <endif>
    <endif>
    pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

```

```

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
    _localctx = <currentAltLabel; format="cap">Context(new <ruleName; format="cap">Context(_parentctx,
    _parentState));
    <if(label)>
    <if(isListLabel)>
        _localctx.<label>.add(_prevctx);
    <else>
        _localctx.<label> = _prevctx;
    <endif>
    <endif>
    pushNewRecursionContext(_localctx, _startState, RULE_<ruleName>);
>>

```

```

recRuleReplaceContext(ctxName) ::= <<
    _localctx = <ctxName>Context(_localctx);
    context = _localctx;

```

```
_prevctx = _localctx;
```

```
>>
```

```
recRuleSetPrevCtx() ::= <<
```

```
if (parseListeners != null) triggerExitRuleEvent();
```

```
_prevctx = _localctx;
```

```
>>
```

```
LexerFile(lexerFile, lexer, namedActions) ::= <<
```

```
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
```

```
<if(lexerFile.genPackage)>
```

```
part of <lexerFile.genPackage>;
```

```
<else>
```

```
import
```

```
'package:antlr4/antlr4.dart';
```

```
<endif>
```

```
<namedActions.header>
```

```
<lexer>
```

```
>>
```

```
Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
```

```
<if(namedActions.definitions)><namedActions.definitions><endif>
```

```
class <lexer.name> extends <superClass; null="Lexer"> {
```

```
static final checkVersion = () => RuntimeMetaData.checkVersion('<lexerFile.ANTLRVersion>',  
RuntimeMetaData.VERSION);
```

```
static final List<DFA> _decisionToDFA = List.generate(
```

```
  _ATN.numberOfDecisions, (i) => DFA(_ATN.getDecisionState(i), i));
```

```
static final PredictionContextCache _sharedContextCache = PredictionContextCache();
```

```
<if(lexer.tokens)>
```

```
static const int
```

```
  <lexer.tokens:{k | TOKEN_<k> = <lexer.tokens.(k)>}; separator=", ", wrap, anchor>;
```

```
<endif>
```

```
<if(lexer.channels)>
```

```
static const int
```

```
  <lexer.channels:{c | <c> = <lexer.channels.(c)>}; separator=", ", wrap, anchor>;
```

```
<endif>
```

```
<if(rest(lexer.modes))>
```

```
static const int
```

```
  <rest(lexer.modes):{m | <m> = <i>}; separator=", ", wrap, anchor>;
```

```
<endif>
```

```
@override
```

```
final List<String> channelNames = [
```

```
  'DEFAULT_TOKEN_CHANNEL', 'HIDDEN'<if (lexer.channels)>, <lexer.channels:{c| '<c>'}; separator=", ",
```

```

wrap, anchor><endif>
];

@Override
final List<String> modeNames = [
    <lexer.modes:{m| '<m>'}; separator=", ", wrap, anchor>
];

@Override
final List<String> ruleNames = [
    <lexer.ruleNames:{r | '<r>'}; separator=", ", wrap, anchor>
];

<vocabulary(lexer.literalNames, lexer.symbolicNames)>

<namedActions.members>

<lexer.name>(CharStream input) : super(input) {
    interpreter = LexerATNSimulator(_ATN, _decisionToDFA, _sharedContextCache, recog: this);
}

@Override
String get serializedATN => _serializedATN;

@Override
String get grammarFileName => '<lexer.grammarFileName>';

@Override
ATN getATN() { return _ATN; }

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>
<atn>
}
>>

SerializedATN(model) ::= <<
<if(rest(model.segments))>
<! requires segmented representation !>
static const int _serializedATNSegments
    = <length(model.segments)>;
<model.segments:{segment|static final String _serializedATNSegment<i0> =
    '<segment; wrap={ '<\n><\t>'>}; separator="\n">
static final String _serializedATN = [
    <model.segments:{segment | _serializedATNSegment<i0>}; separator=",\n">
].join();
<else>
<! only one segment, can be inlined !>
static const String _serializedATN = '<model.serialized; wrap={ '<\n><\t>'>';

```

```

<endif>
static final ATN _ATN =
    ATNDeserializer().deserialize(_serializedATN.codeUnits);
>>

/// Using a type to init value map, try to init a type; if not in table
/// must be an object, default value is "null".
initValue(typeName) ::= <<
<dartTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".dart"

Found in path(s):
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/Dart/Dart.stg
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*/
/*

This file contains the actual layout of the messages emitted by ANTLR.
The text itself is coming out of the languages/*stg files, according to the chosen locale.
This file contains the default format ANTLR uses.

```

*/

location(file, line, column) ::= "<file>(<line>,<column>)"

message(id, text) ::= "error <id> : <text>"

report(location, message, type) ::= "<location> : <type> <message.id> : <message.text>"

wantsSingleLineMessage() ::= "true"

Found in path(s):

* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/messages/formats/vs2005.stg

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*/

/** ANTLR tool checks output templates are compatible with tool code generation.

* For now, a simple string match used on x.y of x.y.z scheme.

* Must match Tool.VERSION during load to templates.

*

* REQUIRED.

*/

```
javascriptTypeInitMap ::= [  
  "bool": "false",  
  "int": "0",  
  "float": "0.0",  
  "str": "",  
  default: "{}" // anything  
  other than a primitive type is an object  
]
```

// args must be <object-model-object>, <fields-resulting-in-STs>

```
ParserFile(file, parser, namedActions, contextSuperClass) ::= <<  
  <fileHeader(file.grammarFileName, file.ANTLRVersion)>  
  import antlr4 from 'antlr4';  
  <if(file.genListener)>  
  import <file.grammarName>Listener from './<file.grammarName>Listener.js';  
  <endif>  
  <if(file.genVisitor)>  
  import <file.grammarName>Visitor from './<file.grammarName>Visitor.js';  
  <endif>
```

```
<namedActions.header>  
<parser>  
>>
```

```
ListenerFile(file, header, namedActions) ::= <<  
  <fileHeader(file.grammarFileName, file.ANTLRVersion)>  
  import antlr4 from 'antlr4';
```

// This class defines a complete listener for a parse tree produced by <file.parserName>.
export default class <file.grammarName>Listener extends antlr4.tree.ParseTreeListener {

```
<file.listenerNames:{lname |  
  // Enter a parse tree produced by <file.parserName>#<lname>.  
  enter<lname; format="cap">(ctx) {  
    \}
```

```
  // Exit a parse tree produced by <file.parserName>#<lname>.  
  exit<lname;  
  format="cap">(ctx) {  
    \}
```

```
}; separator="\n">
```

```
}  
>>
```

```
VisitorFile(file, header, namedActions) ::= <<  
<fileHeader(file.grammarFileName, file.ANTLRVersion)>  
import antlr4 from 'antlr4';  
  
// This class defines a complete generic visitor for a parse tree produced by <file.parserName>.
```

```
export default class <file.grammarName>Visitor extends antlr4.tree.ParseTreeVisitor {  
  
<file.visitorNames:{lname |  
  // Visit a parse tree produced by <file.parserName>#<lname>.  
  visit<lname; format="cap">(ctx) {  
    return this.visitChildren(ctx);  
  }  
}; separator="\n">  
  
}  
>>
```

```
fileHeader(grammarFileName, ANTLRVersion) ::= <<  
// Generated from <grammarFileName; format="java-escape"> by ANTLR <ANTLRVersion>  
// jshint ignore: start  
>>
```

```
Parser(parser, funcs, atn, sempredFuncs, superClass) ::= <<  
<if(superClass)>  
import <superClass> from './<superClass>.js';  
<endif>  
  
<atn>
```

```
const atn = new antlr4.atn.ATNDeserializer().deserialize(serializedATN);
```

```
const decisionsToDFA = atn.decisionToState.map( (ds,  
  index) => new antlr4.dfa.DFA(ds, index) );
```

```
const sharedContextCache = new antlr4.PredictionContextCache();
```

```
export default class <parser.name> extends <superClass; null="antlr4.Parser"> {  
  
  static grammarFileName = "<parser.grammarFileName; format="java-escape">";  
  static literalNames = [ <parser.literalNames:{t | <t>}; null="null", separator=", ", wrap, anchor> ];
```

```

static symbolicNames = [ <parser.symbolicNames:{t | <t>}; null="null", separator=", ", wrap, anchor> ];
static ruleNames = [ <parser.ruleNames:{r | "<r>"}; separator=", ", wrap, anchor> ];

constructor(input) {
    super(input);
    this._interp = new antlr4.atn.ParserATNSimulator(this, atn, decisionsToDFA, sharedContextCache);
    this.ruleNames = <parser.name>.ruleNames;
    this.literalNames = <parser.name>.literalNames;
    this.symbolicNames = <parser.name>.symbolicNames;
    <namedActions.members>
}

get atn() {
    return atn;
}

<if(sempredFuncs)>

sempred(localctx, ruleIndex, predIndex) {
    switch(ruleIndex) {
        <parser.sempredFuncs.values:{f | case <f.ruleIndex>:
            return this.<f.name>_sempred(localctx, predIndex);}; separator="\n">
        default:
            throw "No predicate with index:" + ruleIndex;
    }
}

<sempredFuncs.values; separator="\n">
<endif>

<funcs; separator="\n">

}

<parser.name>.EOF = antlr4.Token.EOF;
<if(parser.tokens)>
<parser.tokens:{k | <parser.name>.<k> = <parser.tokens.(k)>}; separator="\n", wrap, anchor>
<endif>

<if(parser.rules)>
<parser.rules:{r | <parser.name>.RULE_<r.name> = <r.index>}; separator="\n", wrap, anchor>
<endif>

<funcs:{f | <ruleContexts(f)>}; separator="\n">

<! Define fields of this parser to export the context classes !>
<parser.funcs:{f | <parser.name>.<f.ctxType> = <f.ctxType>; }; separator="\n">

```



```

>>

ruleContexts(currentRule) ::= <<
<currentRule.ruleCtx>

<currentRule.altLabelCtxs:{l | <currentRule.altLabelCtxs.(l)>} separator="\n">
>>

dumpActions(recog,
  argFuncs, actionFuncs, sempredFuncs) ::= <<
<if(actionFuncs)>
<lexer.name>.prototype.action = function(localctx, ruleIndex, actionIndex) {
  switch (ruleIndex) {
    <recog.actionFuncs.values:{f|
case <f.ruleIndex>:
  this.<f.name>_action(localctx, actionIndex);
  break;}; separator="\n">
  default:
    throw "No registered action for:" + ruleIndex;
  }
};

<actionFuncs.values; separator="\n">
<endif>
<if(sempredFuncs)>
<lexer.name>.prototype.sempred = function(localctx, ruleIndex, predIndex) {
  switch (ruleIndex) {
    <recog.sempredFuncs.values:{f| case <f.ruleIndex>:
return this.<f.name>_sempred(localctx, predIndex);}; separator="\n">
  default:
    throw "No registered predicate for:" + ruleIndex;
  }
};

<sempredFuncs.values; separator="\n">
<endif>
>>

/* This generates a private method since the actionIndex is generated, making an
* overriding implementation impossible to maintain.
*/
RuleActionFunction(r, actions) ::= <<

<lexer.name>.prototype.<r.name>_action = function(localctx
, actionIndex) {
  switch (actionIndex) {
    <actions:{index|

```

```

case <index>:
    <actions.(index)>
    break;}; separator="\n">
default:
    throw "No registered action for:" + actionIndex;
}
};
>>

/* This generates a private method since the predIndex is generated, making an
 * overriding implementation impossible to maintain.
 */
RuleSempredFunction(r, actions) ::= <<
<if (r.factory.g.lexer)><lexer.name>.prototype.<r.name>_sempred =
function<else><r.name>_sempred<endif>(localctx, predIndex) {
    switch(predIndex) {
        <actions:{index}| case <index>:
            return <actions.(index)>}; separator="\n">
        default:
            throw "No predicate with index:" + predIndex;
    }
};
>>

RuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,namedActions,finallyAction,postamble,exceptions)
::= <<

<currentRule.name>(<currentRule.args:{a | <a.name>}; separator=", ">) {
    let localctx = new <currentRule.ctxType>(this, this._ctx, this.state<currentRule.args:{a | , <a.name>}>);
    this.enterRule(localctx,
    <currentRule.startState>, <parser.name>.RULE_<currentRule.name>);
    <namedActions.init>
    <locals; separator="\n">
    try {
        <code>
        <postamble; separator="\n">
        <namedActions.after>
    }<if(exceptions)>
    <exceptions; separator="\n">
    <else> catch (re) {
        if(re instanceof antlr4.error.RecognitionException) {
            localctx.exception = re;
            this._errHandler.reportError(this, re);
            this._errHandler.recover(this, re);
        } else {
            throw re;

```

```

    }
  }<endif> finally {
    <finallyAction>
    this.exitRule();
  }
  return localctx;
}

```

>>

LeftRecursiveRuleFunction(currentRule,args,code,locals,ruleCtx,altLabelCtxs,
namedActions,finallyAction,postamble) ::=

<<

```

<currentRule.name>(_p<if(currentRule.args)>, <args:{a | , <a>}><endif>) {
  if(_p===undefined) {
    _p = 0;
  }
  const _parentctx = this._ctx;
  const _parentState = this.state;
  let localctx = new <currentRule.ctxType>(this, this._ctx, _parentState<args:{a
| , <a.name>}>);
  let _prevctx = localctx;
  const _startState = <currentRule.startState>;
  this.enterRecursionRule(localctx, <currentRule.startState>, <parser.name>.RULE_<currentRule.name>, _p);
  <namedActions.init>
  <locals; separator="\n">
  try {
    <code>
    <postamble; separator="\n">
    <namedActions.after>
  } catch( error) {
    if(error instanceof antlr4.error.RecognitionException) {
      localctx.exception = error;
      this._errHandler.reportError(this, error);
      this._errHandler.recover(this, error);
    } else {
      throw error;
    }
  } finally {
    <finallyAction>
    this.unrollRecursionContexts(_parentctx)
  }
  return localctx;
}

```

>>

```

CodeBlockForOuterMostAlt(currentOuterMostAltCodeBlock, locals, preamble, ops) ::= <<
<if(currentOuterMostAltCodeBlock.altLabel)>localctx = new <currentOuterMostAltCodeBlock.altLabel;
format="cap">Context(this, localctx);<endif>
this.enterOuterAlt(localctx,
    <currentOuterMostAltCodeBlock.alt.altNum>);
<CodeBlockForAlt(currentAltCodeBlock=currentOuterMostAltCodeBlock, ...)>
>>

```

```

CodeBlockForAlt(currentAltCodeBlock, locals, preamble, ops) ::= <<
<locals; separator="\n">
<preamble; separator="\n">
<ops; separator="\n">
>>

```

```

LL1AltBlock(choice, preamble, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<if(choice.label)><labelref(choice.label)> = this._input.LT(1);<endif>
<preamble; separator="\n">
switch(this._input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
    <alt>
    break;}; separator="\n">
default:
    <error>
}
>>

```

```

LL1OptionalBlock(choice, alts, error) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
switch (this._input.LA(1)) {
<choice.altLook,alts:{look,alt| <cases(ttypes=look)>
    <alt>
    break;}; separator="\n">
default:
    break;
}
>>

```

```

LL1OptionalBlockSingleAlt(choice, expr, alts, preamble, error, followExpr) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
<preamble;
separator="\n">
if(<expr>) {
    <alts; separator="\n">
}
>>

```

```
<!else if ( !(<followExpr> ) <error>!>
```

```
>>
```

```
LL1StarBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
```

```
this.state = <choice.stateNumber>;
```

```
this._errHandler.sync(this);
```

```
<preamble; separator="\n">
```

```
while(<loopExpr>) {
```

```
    <alts; separator="\n">
```

```
    this.state = <choice.loopBackStateNumber>;
```

```
    this._errHandler.sync(this);
```

```
    <iteration>
```

```
}
```

```
>>
```

```
LL1PlusBlockSingleAlt(choice, loopExpr, alts, preamble, iteration) ::= <<
```

```
this.state = <choice.blockStartStateNumber>; <! alt block decision !>
```

```
this._errHandler.sync(this);
```

```
<preamble; separator="\n">
```

```
do {
```

```
    <alts; separator="\n">
```

```
    this.state = <choice.stateNumber>; <! loopback/exit decision !>
```

```
    this._errHandler.sync(this);
```

```
    <iteration>
```

```
} while(<loopExpr>);
```

```
>>
```

```
// LL(*) stuff
```

```
AltBlock(choice, preamble, alts, error) ::= <<
```

```
this.state = <choice.stateNumber>;
```

```
this._errHandler.sync(this);
```

```
<if(choice.label)><labelref(choice.label)> = _input.LT(1)<endif>
```

```
<preamble;
```

```
separator="\n">
```

```
var la_ = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
```

```
switch(la_) {
```

```
    <alts:{alt |
```

```
case <i>:
```

```
    <alt>
```

```
    break;
```

```
}; separator="\n">
```

```
}
```

```
>>
```

```
OptionalBlock(choice, alts, error) ::= <<
```

```
this.state = <choice.stateNumber>;
```

```
this._errHandler.sync(this);
```

```

var la_ = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
<alts:{alt |
if(la_===<i><if(!choice.ast.greedy)>+1<endif>) {
    <alt>
}; separator="\n} else ">
}
>>

StarBlock(choice, alts, sync, iteration) ::= <<
this.state = <choice.stateNumber>;
this._errHandler.sync(this);
var _alt = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx)
while(_alt!=<choice.exitAlt> && _alt!=antlr4.atn.ATN.INVALID_ALT_NUMBER) {
    if(_alt===1<if(!choice.ast.greedy)>+1<endif>) {
        <iteration>
        <alts> <! should only be one !>
    }
    this.state = <choice.loopBackStateNumber>;
    this._errHandler.sync(this);
    _alt = this._interp.adaptivePredict(this._input,<choice.decision>,this._ctx);
}

>>

PlusBlock(choice,
alts, error) ::= <<
this.state = <choice.blockStartStateNumber>; <! alt block decision !>
this._errHandler.sync(this);
var _alt = 1<if(!choice.ast.greedy)>+1<endif>;
do {
    switch (_alt) {
        <alts:{alt|
case <i><if(!choice.ast.greedy)>+1<endif>:
            <alt>
            break;}; separator="\n">
        default:
            <error>
    }
    this.state = <choice.loopBackStateNumber>; <! loopback/exit decision !>
    this._errHandler.sync(this);
    _alt = this._interp.adaptivePredict(this._input,<choice.decision>, this._ctx);
} while ( _alt!=<choice.exitAlt> && _alt!=antlr4.atn.ATN.INVALID_ALT_NUMBER );

>>

Sync(s) ::= "sync(<s.expecting.name>)"

ThrowNoViableAlt(t) ::= "throw new antlr4.error.NoViableAltException(this);"

```

```

TestSetInline(s) ::= <<
<s.bitsets:{bits | <if(rest(rest(bits.ttypes)))><bitsetBitfieldComparison(s, bits)><else><bitsetInlineComparison(s,
bits)><endif>}; separator=" || ">
>>

// Javascript language spec - shift operators are 32 bits long max
testShiftInRange(shiftAmount)
::= <<
((<shiftAmount>) & ~0x1f) == 0
>>

// produces smaller bytecode only when bits.ttypes contains more than two items
bitsetBitfieldComparison(s, bits) ::= <%
(<testShiftInRange({<offsetShiftVar(s.varName, bits.shift)>})> && ((1 \<\< <offsetShiftVar(s.varName,
bits.shift)>) & (<bits.ttypes:{ttype | (1 \<\< <offsetShiftType(ttype, bits.shift)>)); separator=" | ">)) != 0)
%>

isZero ::= [
"0":true,
default:false
]

offsetShiftVar(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<shiftAmount> - <offset>)<else><shiftAmount><endif>
%>

offsetShiftType(shiftAmount, offset) ::= <%
<if(!isZero.(offset))>(<parser.name>.<shiftAmount> - <offset>)<else><parser.name>.<shiftAmount><endif>
%>

// produces more efficient bytecode when bits.ttypes contains at most two items
bitsetInlineComparison(s, bits) ::= <%
<bits.ttypes:{ttype | <s.varName>===<parser.name>.<ttype>}; separator=" || ">
%>

cases(ttypes) ::= <<
<ttypes:{t | case <parser.name>.<t>:}; separator="\n">
>>

InvokeRule(r,
  argExprsChunks) ::= <<
this.state = <r.stateNumber>;
<if(r.labels)><r.labels:{l | <labelref(l)> =
}><endif>this.<r.name>(<if(r.ast.options.p)><r.ast.options.p><if(argExprsChunks)>,<endif><endif><argExprsChu
nks>);
>>

MatchToken(m) ::= <<

```

```

this.state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>this.match(<parser.name>.<m.name>);
>>

```

```

MatchSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, false)>"

```

```

MatchNotSet(m, expr, capture) ::= "<CommonSetStuff(m, expr, capture, true)>"

```

```

CommonSetStuff(m, expr, capture, invert) ::= <<
this.state = <m.stateNumber>;
<if(m.labels)><m.labels:{l | <labelref(l)> = }>this._input.LT(1);<endif>
<capture>
<if(invert)>if(<m.varName>\<=0 || <expr>)<else>if(!(<expr>))<endif> {
    <if(m.labels)><m.labels:{l | <labelref(l)> = }><endif>this._errHandler.recoverInline(this);
}
else {
    this._errHandler.reportMatch(this);
    this.consume();
}
>>

```

```

Wildcard(w) ::= <<
this.state = <w.stateNumber>;
<if(w.labels)><w.labels:{l
| <labelref(l)> = }><endif>this.matchWildcard();
>>

```

```

// ACTION STUFF

```

```

Action(a, foo, chunks) ::= "<chunks>"

```

```

ArgAction(a, chunks) ::= "<chunks>"

```

```

SemPred(p, chunks, failChunks) ::= <<
this.state = <p.stateNumber>;
if (!( <chunks>)) {
    throw new antlr4.error.FailedPredicateException(this, <p.predicate><if(failChunks)>,
<failChunks><elseif(p.msg)>, <p.msg><endif>);
}
>>

```

```

ExceptionClause(e, catchArg, catchAction) ::= <<
catch (<catchArg>) {
    <catchAction>
}
>>

```

```

// lexer actions are not associated with model objects

```



```

LexerSkipCommand() ::= "this.skip()"
LexerMoreCommand() ::= "this.more()"
LexerPopModeCommand() ::= "this.popMode()"
LexerTypeCommand(arg, grammar) ::= "this._type = <arg>"
LexerChannelCommand(arg, grammar) ::= "this._channel = <arg>"
LexerModeCommand(arg, grammar) ::= "this._mode = <arg>"
LexerPushModeCommand(arg, grammar) ::= "this.pushMode(<arg>)"

ActionText(t) ::= "<t.text>"
ActionTemplate(t) ::= "<t.st>"
ArgRef(a) ::= "localctx.<a.name>"
LocalRef(a)
    ::= "localctx.<a.name>"
RetValRef(a) ::= "localctx.<a.name>"
QRetValRef(a) ::= "<ctx(a)>.<a.dict>.<a.name>"
/** How to translate $tokenLabel */
TokenRef(t) ::= "<ctx(t)>.<t.name>"
LabelRef(t) ::= "<ctx(t)>.<t.name>"
ListLabelRef(t) ::= "<ctx(t)>.<ListLabelName(t.name)>"
SetAttr(s,rhsChunks) ::= "<ctx(s)>.<s.name> = <rhsChunks>"

TokenLabelType() ::= "<file.TokenLabelType; null={Token}>"
InputSymbolType() ::= "<file.InputSymbolType; null={Token}>"

TokenPropertyRef_text(t) ::= "(<ctx(t)>.<t.label>===null ? null : <ctx(t)>.<t.label>.text)"
TokenPropertyRef_type(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.type)"
TokenPropertyRef_line(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.line)"
TokenPropertyRef_pos(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.column)"
TokenPropertyRef_channel(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.channel)"
TokenPropertyRef_index(t) ::= "(<ctx(t)>.<t.label> === null ? 0 : <ctx(t)>.<t.label>.tokenIndex)"
TokenPropertyRef_int(t)
    ::= "(<ctx(t)>.<t.label> === null ? 0 : parseInt(<ctx(t)>.<t.label>.text))"

RulePropertyRef_start(r) ::= "(<ctx(r)>.<r.label>===null ? null : <ctx(r)>.<r.label>.start)"
RulePropertyRef_stop(r) ::= "(<ctx(r)>.<r.label>===null ? null : <ctx(r)>.<r.label>.stop)"
RulePropertyRef_text(r) ::= "(<ctx(r)>.<r.label>===null ? null : this._input.getText(new
antlr4.Interval(<ctx(r)>.<r.label>.start,<ctx(r)>.<r.label>.stop)))"
RulePropertyRef_ctx(r) ::= "<ctx(r)>.<r.label>"
RulePropertyRef_parser(r) ::= "this"

ThisRulePropertyRef_start(r) ::= "localctx.start"
ThisRulePropertyRef_stop(r) ::= "localctx.stop"
ThisRulePropertyRef_text(r) ::= "this._input.getText(new antlr4.Interval(localctx.start, this._input.LT(-1)))"
ThisRulePropertyRef_ctx(r) ::= "localctx"
ThisRulePropertyRef_parser(r) ::= "this"

NonLocalAttrRef(s) ::= "this.getInvokingContext(<s.ruleIndex>).<s.name>"

```

```
SetNonLocalAttr(s, rhsChunks) ::= "this.getInvokingContext(<s.ruleIndex>).<s.name>  
= <rhsChunks>"
```

```
AddToLabelList(a) ::= "<ctx(a.label)>.<a.listName>.push(<labelref(a.label)>);"
```

```
TokenDecl(t) ::= "this.<t.name> = null; // <TokenLabelType()>"
```

```
TokenTypeDecl(t) ::= "var <t.name> = 0; // <TokenLabelType()> type"
```

```
TokenListDecl(t) ::= "this.<t.name> = []; // of <TokenLabelType()>s"
```

```
RuleContextDecl(r) ::= "this.<r.name> = null; // <r.ctxName>"
```

```
RuleContextListDecl(rdecl) ::= "this.<rdecl.name> = []; // of <rdecl.ctxName>s"
```

```
ContextTokenGetterDecl(t)    ::= <<  
<t.name>() {  
    return this.getToken(<parser.name>.<t.name>, 0);  
};  
>>
```

```
// should never be called  
ContextTokenListGetterDecl(t) ::= <<  
<t.name>_list() {  
    return this.getTokens(<parser.name>.<t.name>);  
}  
>>
```

```
ContextTokenListIndexedGetterDecl(t) ::= <<  
<t.name> = function(i) {  
    if(i===undefined) {  
        i = null;  
    }  
    if(i===null) {  
        return this.getTokens(<parser.name>.<t.name>);  
    } else {  
        return this.getToken(<parser.name>.<t.name>, i);  
    }  
};  
>>
```

```
ContextRuleGetterDecl(r)  
    ::= <<  
<r.name>() {  
    return this.getTypedRuleContext(<r.ctxName>,0);  
};  
>>
```

```
// should never be called  
ContextRuleListGetterDecl(r) ::= <<  
<r.name>_list() {
```

```

    return this.getTypedRuleContexts(<parser.name>.<r.ctxName>);
}
>>

```

```

ContextRuleListIndexedGetterDecl(r) ::= <<
<r.name> = function(i) {
    if(i===undefined) {
        i = null;
    }
    if(i===null) {
        return this.getTypedRuleContexts(<r.ctxName>);
    } else {
        return this.getTypedRuleContext(<r.ctxName>,i);
    }
};
>>

```

```

LexerRuleContext() ::= "RuleContext"

```

```

/** The rule context name is the rule followed by a suffix; e.g.,
 * r becomes rContext.
 */

```

```

RuleContextNameSuffix() ::= "Context"

```

```

ImplicitTokenLabel(tokenName) ::= "_<tokenName>"
ImplicitRuleLabel(ruleName) ::= "_<ruleName>"
ImplicitSetLabel(id) ::= "_tset<id>"
ListLabelName(label) ::= "<label>"

```

```

CaptureNextToken(d) ::= "<d.varName> = self._input.LT(1)"
CaptureNextTokenType(d) ::= "<d.varName> = this._input.LA(1);"

```

```

StructDecl(struct,ctorAttrs,attrs, getters,dispatchMethods,interfaces,extensionMembers)
::= <<

```

```

class <struct.name> extends <if(contextSuperClass)><contextSuperClass><else>antlr4.ParserRuleContext<endif> {

```

```

    constructor(parser, parent, invokingState<struct.ctorAttrs:{a | , <a.name>}>) {
        if(parent===undefined) {
            parent = null;
        }
        if(invokingState===undefined || invokingState===null) {
            invokingState = -1;
        }
        super(parent, invokingState);
        this.parser = parser;
        this.ruleIndex = <parser.name>.RULE_<struct.derivedFromName>;
        <attrs:{a | <a>}; separator="\n">
        <struct.ctorAttrs:{a | this.<a.name> = <a.name> || null;}; separator="\n">
    }
}

```

```

    }

    <getters:{g | <g>}; separator="\n\n">

    <if(struct.provideCopyFrom)> <! don't need copy unless we have subclasses !>
    copyFrom(ctx) {
        super.copyFrom(ctx);
        <struct.attrs:{a | this.<a.name> = ctx.<a.name>;}; separator="\n">
    }
    <endif>
    <dispatchMethods; separator="\n">
    <extensionMembers;
    separator="\n">

}

>>

AltLabelStructDecl(struct,attrs,getters,dispatchMethods) ::= <<
class <struct.name> extends <struct.parentRule; format="cap">Context {

    constructor(parser, ctx) {
        super(parser);
        <attrs:{a | <a>;}; separator="\n">
        super.copyFrom(ctx);
    }

    <getters:{g | <g>}; separator="\n\n">

    <dispatchMethods; separator="\n">

}

<! Define fields of this parser to export this struct/context class !>
<parser.name>.<struct.name> = <struct.name>;

>>

ListenerDispatchMethod(method) ::= <<
<if(method.isEnter)>enter<else>exit<endif>Rule(listener) {
    if(listener instanceof <parser.grammarName>Listener ) {
        listener.<if(method.isEnter)>enter<else>exit<endif><struct.derivedFromName; format="cap">(this);
    }
}

>>

VisitorDispatchMethod(method) ::= <<

```

```

accept(visitor) {
  if ( visitor instanceof <parser.grammarName>Visitor ) {
    return visitor.visit<struct.derivedFromName; format="cap">(this);
  } else {
    return visitor.visitChildren(this);
  }
}

>>

AttributeDecl(d) ::= "this.<d.name> = <if(d.initValue)><d.initValue><else>null<endif>"

/** If we don't know location of label def x, use this template */
labelref(x) ::= "<if(!x.isLocal)>localctx.<endif><x.name>"

/** For any action chunk, what is correctly-typed context struct ptr? */
ctx(actionChunk) ::= "localctx"

// used for left-recursive rules
recRuleAltPredicate(ruleName,opPrec) ::= "this.precpred(this._ctx, <opPrec>)"
recRuleSetReturnAction(src,name) ::= "$<name>=$<src>.<name>"
recRuleSetStopToken() ::= "this._ctx.stop = this._input.LT(-1);"

recRuleAltStartAction(ruleName, ctxName, label) ::= <<
localctx = new <ctxName>Context(this, _parentctx, _parentState);
<if(label)>localctx.<label> = _prevctx;<endif>
this.pushNewRecursionContext(localctx, _startState, <parser.name>.RULE_<ruleName>);
>>

recRuleLabeledAltStartAction(ruleName, currentAltLabel, label, isListLabel) ::= <<
localctx = new <currentAltLabel; format="cap">Context(this,
  new <ruleName; format="cap">Context(this, _parentctx, _parentState));
<if(label)>
<if(isListLabel)>
localctx.<label>.push(_prevctx);
<else>
localctx.<label> = _prevctx;
<endif>
<endif>
this.pushNewRecursionContext(localctx, _startState, <parser.name>.RULE_<ruleName>);
>>

recRuleReplaceContext(ctxName) ::= <<
localctx = new <ctxName>Context(this, localctx);
this._ctx = localctx;
_prevctx = localctx;
>>

```

```

recRuleSetPrevCtx() ::= <<
if(this._parseListeners!==null) {
    this.triggerExitRuleEvent();
}
_prevctx = localctx;
>>

```

```

LexerFile(lexerFile, lexer, namedActions) ::= <<
<fileHeader(lexerFile.grammarFileName, lexerFile.ANTLRVersion)>
import antlr4 from 'antlr4';

```

```

<namedActions.header>

```

```

<lexer>

```

```

>>

```

```

Lexer(lexer, atn, actionFuncs, sempredFuncs, superClass) ::= <<
<if(superClass)>
import <superClass> from './<superClass>.js';
<endif>

```

```

<atn>

```

```

const atn = new antlr4.atn.ATNDeserializer().deserialize(serializedATN);

```

```

const decisionsToDFA = atn.decisionToState.map( (ds, index) => new antlr4.dfa.DFA(ds,
index) );

```

```

export default class <lexer.name> extends <if(superClass)><superClass><else>antlr4.Lexer<endif> {

```

```

    static grammarFileName = "<lexer.grammarFileName>";
    static channelNames = [ "DEFAULT_TOKEN_CHANNEL", "HIDDEN"<if (lexer.channels)>,
<lexer.channels:{c| "<c>"}; separator=", ", wrap, anchor><endif> ];
    static modeNames = [ <lexer.modes:{m| "<m>"}; separator=", ", wrap, anchor> ];
    static literalNames = [ <lexer.literalNames:{t| <t>}; null="null", separator=", ", wrap, anchor> ];
    static symbolicNames = [ <lexer.symbolicNames:{t| <t>}; null="null", separator=", ", wrap, anchor> ];
    static ruleNames = [ <lexer.ruleNames:{r| "<r>"}; separator=", ", wrap, anchor> ];

```

```

    constructor(input) {
        super(input)
        this._interp = new antlr4.atn.LexerATNSimulator(this, atn, decisionsToDFA, new
antlr4.PredictionContextCache());
        <namedActions.members>
    }

```

```

    get atn() {

```

```

        return atn;
    }
}

<lexer.name>.EOF = antlr4.Token.EOF;
<if(lexer.tokens)>
<lexer.tokens:{k
| <lexer.name>.<k> = <lexer.tokens.(k)>; separator="\n", wrap, anchor>
<endif>

<if(lexer.channels)>
<lexer.channels:{c| <lexer.name>.<c> = <lexer.channels.(c)>; separator="\n">

<endif>
<if(rest(lexer.modes))>
<rest(lexer.modes){m| <lexer.name>.<m> = <i>; separator="\n">

<endif>

<dumpActions(lexer, "", actionFuncs, sempredFuncs)>

>>

SerializedATN(model) ::= <<
<! only one segment, can be inlined !>

const serializedATN = ["<model.serialized; wrap={",<\n>   ">"].join("");

>>

/** Using a type to init value map, try to init a type; if not in table
 * must be an object, default value is "null".
 */
initValue(typeName) ::= <<
<javascriptTypeInitMap.(typeName)>
>>

codeFileExtension() ::= ".js"

Found in path(s):
* /antlr4-4-9-2-sources-1-jar/org/antlr/v4/tool/templates/codegen/JavaScript/JavaScript.stg

```

1.105 musl 1.2.4_git20230717-r4

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1.106 feign-okhttp 10.12

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* /feign-okhttp-10-12-sources-3-jar/feign/okhttp/OkHttpClient.java

1.107 jetty-servlets 9.4.54.v20240208

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The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

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

Oracle OpenJDK

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

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

- org.mortbay.jasper:apache-jsp

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.108 jetty-security 9.4.54.v20240208

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Eclipse

The following artifacts are EPL.

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

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

- * javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api

- * javax.transaction:javax.transaction-api

- * javax.websocket:javax.websocket-api

Oracle OpenJDK

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

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with

classpath exceptions.
<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

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

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

Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.109 hk2-api 2.6.1

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- * <https://github.com/eclipse-ee4j/glassfish-shoal>
- * <https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck>
- * <https://github.com/eclipse-ee4j/glassfish-jsftemplating>
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/SyncCommand.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/VersionCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/GetEphemeralsCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/GetAllChildrenNumberCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/LsCommand.java

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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ServerWatcher.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumVerifier.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/Util.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/KeyAuthenticationProvider.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/RemotePeerBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/Stats.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerHandlerBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/GetCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/Quotas.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/BitHashSet.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/IsroCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LeaderElectionBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/DeleteContainerRequest.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/WatchManagerFactory.java
- *

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/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/SnapShot.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperServerMain.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/Vote.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ZooKeeper.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/ConfCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/DigestCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/WatchedEvent.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ExpiryQueue.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerZooKeeperServer.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/SerializeUtils.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/DataTreeBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/CreateOptions.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LeaderSessionTracker.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperSaslServer.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/RateLogger.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/RequestThrottler.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ExitCode.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ClientCnxnSocketNIO.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerHandler.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/WrappedAuthenticationProvider.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/DigestLoginModule.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/ProviderRegistry.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/Summary.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/PrependableSocket.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ServerBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/client/HostProvider.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/KeeperException.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/CloseCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/metric/AvgMinMaxPercentileCounterSet.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ReadOnlyRequestProcessor.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/client/ZooKeeperSaslClient.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/CommandFactory.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/SyncThrottleException.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/MetricsProvider.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumPeerMain.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/IOUtils.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/FileKeyStoreLoader.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/MetricsContext.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/NodeHashMap.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerMaster.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/NIOServerCnxn.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/WhoAmICommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ObserverMaster.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ClientCnxnLimitException.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/SecretUtils.java

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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/StatResetCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/StatsTrack.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/client/ZKClientConfig.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/KeyStoreLoader.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerHandlerMXBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/CliCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerSessionTracker.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/impl/MetricsProviderBootstrap.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/impl/DefaultMetricsProvider.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/WatchCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/SyncRequestProcessor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/X509Util.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ZKWatchManager.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/IWatchManager.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ServerConfig.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/ZKConfig.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/IPAuthenticationProvider.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ObserverRequestProcessor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ServerStats.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/JvmPauseMonitor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LeaderRequestProcessor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/SendAckRequestProcessor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/FollowerRequestProcessor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/ReconfigCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/AdminServerFactory.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/Environment.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/metric/SimpleCounterSet.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/StatPrinter.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/CommandOutputter.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumCnxManager.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/QuotaMetricsUtils.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/AuthRequest.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZKDatabase.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/NetUtils.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ZookeeperBanner.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/ReadAheadEndpoint.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/jmx/ZKMBeanInfo.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumPeer.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/UpgradeableSessionTracker.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/SummarySet.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/CommandBase.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/StatCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/metric/AvgMinMaxPercentileCounter.java

- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/DatadirCleanupManager.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/FileChangeWatcher.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/TxnLogProposalIterator.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ReadOnlyBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/UnimplementedRequestProcessor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/UnifiedConnectionFactory.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/SaslClientCallbackHandler.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ReadOnlyZooKeeperServer.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/audit/Slf4jAuditLogger.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LocalPeerMXBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ServerMXBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/DigestAuthenticationProvider.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/ListQuotaCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/EnsembleAuthenticationProvider.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/audit/AuditLogger.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/FollowerBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ProposalRequestProcessor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/client/FourLetterWordMain.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/auth/NullQuorumAuthLearner.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/metric/AvgMinMaxCounterSet.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/DumbWatcher.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/KeyStoreFileType.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/WorkerService.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/audit/ZKAuditProvider.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/client/ConnectionStringParser.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ReferenceCountedACLCache.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/JsonOutputter.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/QuorumX509Util.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/OSMXBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/NIOServerCnxnFactory.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/SetCommand.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/BufferStats.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/RemoveWatchesCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/auth/QuorumAuth.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/CreateCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/TraceFormatter.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerSyncRequest.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/metric/SimpleCounter.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/MalformedCommandException.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumZooKeeperServer.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LeaderElectionMXBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/client/StaticHostProvider.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/FinalRequestProcessor.java
- *

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/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/DigestWatcher.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/PurgeTxnLog.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/JLineZNodeCompleter.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ByteBufferInputStream.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/WatchStats.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/Login.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/AuthenticationProvider.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/util/PemReader.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/version/Info.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/GaugeSet.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ServerCnxnFactory.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/util/SecurityUtils.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/RemotePeerMXBean.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/AddWatchMode.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperServer.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperServerListener.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumServerCallbackHandler.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/SaslServerPrincipal.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/CommandNotFoundException.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthLearner.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/Election.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ConnectionMXBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/jmx/ManagedUtil.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/admin/ZooKeeperAdmin.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/CommitProcessor.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ObserverBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperServerListenerImpl.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ResponseCache.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/Leader.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/version/VersionInfoMain.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/NettyUtils.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerSyncThrottler.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/Learner.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/PostCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/AtomicFileWritingIdiom.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/AsyncCallback.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/Testable.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/FollowerZooKeeperServer.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/ZKHostnameVerifier.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/AdminServer.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/AddAuthCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ZooKeeperTestable.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/TxnLog.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/RuokCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/auth/QuorumAuthServer.java

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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumHierarchical.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/SyncedLearnerTracker.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/Time.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/MetricsProviderLifeCycleException.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/Shell.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumMaj.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/TraceMaskCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ConnectionBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ServerCnxn.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/ClientX509Util.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/KerberosUtil.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/CliWrapperException.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/GetConfigCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/PKCS12FileLoader.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/FileTxnSnapLog.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperCriticalThread.java
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- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ServerMetrics.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/metric/AvgMinMaxCounter.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/jmx/MBeanRegistry.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumPeerConfig.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/audit/AuditHelper.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/CliParseException.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/SASLAuthenticationProvider.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperThread.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ClientCnxnSocket.java

- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/StateSummary.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/SSLContextAndOptions.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/audit/AuditEvent.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/EnvCommand.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/DummyAdminServer.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/AbstractFourLetterCommand.java
- *
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/DataTreeMXBean.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/CounterSet.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/audit/AuditConstants.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/Gauge.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/DelQuotaCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/KerberosName.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperServerMXBean.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperServerBean.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/AclParser.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/BitMap.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ServerAdminClient.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/StandardTypeFileKeyStoreLoader.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumOracleMaj.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/LogChopper.java
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- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ClientCnxnSocketNetty.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/BlueThrottle.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/WatchManagerOptimized.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthServer.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/WatcherOrBitSet.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/AckRequestProcessor.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/compat/ProtocolManager.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/SnapshotInfo.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/CreateMode.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/SaslServerCallbackHandler.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/CnxnStatResetCommand.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerSender.java

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*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/FollowerMXBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/Version.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumMXBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/util/ServiceUtils.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/FileSnap.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/TxnLogToolkit.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/ConfigUtils.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/auth/X509AuthenticationProvider.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/FileKeyStoreLoaderBuilderProvider.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/NettyServerCnxn.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooTrace.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/auth/QuorumAuthLearner.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/RequestProcessor.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/SetQuotaCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/metric/Metric.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperServerShutdownHandler.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/Observer.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/AtomicFileOutputStream.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/ZKTrustManager.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/CommandExecutor.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/impl/NullMetricsProvider.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/DumpCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/SessionTracker.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/ConsCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/AdHash.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/StatCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ZooDefs.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ClientWatchManager.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/PrepRequestProcessor.java
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* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ServerCnxnHelper.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LeaderBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/ZKUtil.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/FilePadding.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LeaderMXBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/DeleteCommand.java
*
/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/NodeHashMapImpl.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumStats.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/FastLeaderElection.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/DataNode.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/UnifiedServerSocket.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ObserverZooKeeperServer.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/metrics/Counter.java

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* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/ObserverMXBean.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/AddWatchCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/command/FourLetterCommands.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/AuthenticationHelper.java
*
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/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LocalSessionTracker.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/cli/SetAclCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/IDeadWatcherListener.java
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* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/controller/ControllableConnection.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/controller/ZooKeeperServerController.java
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*

/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/util/RateLimiter.java

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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/PathTrie.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/PathUtils.java

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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/SimpleRequestRecord.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/RequestRecord.java
- *

/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/Request.java

- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ByteBufferRequestRecord.java

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* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/package.html

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Found in path(s):

* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/util/CircularBlockingQueue.java

* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/embedded/ZooKeeperServerEmbedded.java

*

/zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/controller/CommandClient.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/PathParentIterator.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/controller/ControllerServerConfig.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/controller/ControllableConnectionFactory.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/common/BCFKSFileLoader.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/SnapshotComparer.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/WatcherMode.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/TxnLogEntry.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/controller/ControlCommand.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/embedded/ExitHandler.java

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* /zookeeper-3-9-2-sources-jar/META-INF/maven/org.apache.zookeeper/zookeeper/pom.xml
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Found in path(s):

```

* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/WatchesReport.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ZooKeeperServerConf.java
*
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/admin/CommandResponse.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/Op.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/OpResult.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/MultiResponse.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/Transaction.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/WatchesSummary.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/MultiOperationRecord.java
* /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/watch/WatchesPathReport.java
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- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/EphemeralType.java
- * /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/EphemeralTypeEmulate353.java
- *
- /zookeeper-3-9-2-sources-jar/org/apache/zookeeper/server/ContainerManager.java

1.111 error_prone_annotations 2.18.0

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Found in path(s):

- * /error-prone-annotations-2-18-0-1-jar/META-
- INF/maven/com.google.errorprone/error_prone_annotations/pom.xml

1.112 log4j-slf4j-impl 2.17.2

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1.113 vavr-match 0.10.2

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Found in path(s):

- * /vavr-match-0-10-2-sources-jar/io/vavr/match/annotation/Unapply.java
- * /vavr-match-0-10-2-sources-jar/io/vavr/match/annotation/Patterns.java

1.114 micronaut-http 4.3.7

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- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/QueryStringDecoder.java

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- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/PostponedRequestArgumentBinder.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/RawMessageBodyHandler.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/PendingRequestBindingResult.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/MediaTypeProvider.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/FilterContext.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/MessageBodyReader.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/MethodFilter.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/MessageBodyHandler.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/ConditionalFilter.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/RawMessageBodyHandlerRegistry.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/CaseInsensitiveMutableHttpHeaders.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/UnmatchedRequestArgumentBinder.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/ContextPathUtils.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/DefaultMessageBodyHandlerRegistry.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/MessageBodyWriter.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/DynamicMessageBodyWriter.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/ConversionTextPlainHandler.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/CharSequenceBodyWriter.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/AsyncFilter.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/exceptions/MessageBodyException.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/TextStreamBodyWriter.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/ContextlessMessageBodyHandlerRegistry.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/MessageBodyHandlerRegistry.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/ChunkedMessageBodyReader.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/BaseFilterProcessor.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/TextPlainHandler.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/AroundLegacyFilter.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/body/WritableBodyWriter.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/MappedPendingRequestBindingResult.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/RouteCondition.java

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* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/RequestFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/PartAnnotationBinder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/FilterContinuation.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/hateoas/GenericResource.java
*
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/ServerSslConfiguration.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/util/HttpHeadersUtil.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/GenericHttpFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/ServerFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/ClientSslConfiguration.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/SslConfiguration.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/ServerHttpRequestContext.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/ResponseFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpTypeConverterRegistrar.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/InternalHttpFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/FilterOrder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/reactive/execution/ReactorExecutionFlowImpl.java
*
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/ClientFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/reactive/execution/ReactiveExecutionFlow.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/expression/RequestConditionContext.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/FilterRunner.java

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*/

Found in path(s):

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/HttpCoroutineContextFactory.kt

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/FilterPatternStyle.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/AbstractClientSslConfiguration.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/util/HttpTypeInformationProvider.java

*

/micronaut-http-4-3-7-sources-jar/io/micronaut/http/PushCapableHttpRequest.java

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Found in path(s):

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/DefaultClientCookieEncoder.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/CookieHttpCookieAdapter.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/ServerCookieEncoder.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/ServerCookieDecoder.java

*

/micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/DefaultServerCookieEncoder.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/ClientCookieEncoder.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/DefaultServerCookieDecoder.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/CookieComparator.java

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/HttpCookieFactory.java

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*/

Found in path(s):

* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/codec/CodecException.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/RequestAttributes.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Body.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/ServerRequestContext.java
*
/micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/PathVariableAnnotationBinder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/CookieFactory.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/multipart/PartData.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/UriMatchInfo.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/codec/DefaultMediaTypeCodecRegistry.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/runtime/http/scope/RequestCustomScope.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/RequestArgumentBinder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/util/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Consumes.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/CookieValue.java
*
/micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/CustomHttpMethod.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/MutableHttpRequest.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/SimpleHttpRequestFactory.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpMethod.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Head.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/RequestBeanAnnotationBinder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/codec/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/runtime/http/codec/MediaTypeCodecRegistryFactory.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/ServerRequestTracingPublisher.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/util/OutgoingHttpRequestProcessorImpl.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/converters/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpResponseProvider.java
*
/micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/event/HttpRequestTerminatedEvent.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/multipart/CompletedPart.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/RequestBean.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Produces.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/cookies/SimpleCookie.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/UriMatchVariable.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/RequestAttributeAnnotationBinder.java

- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/DefaultBodyAnnotationBinder.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/DefaultUnmatchedRequestArgumentBinder.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/UriBuilder.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/ServerFilterPhase.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpResponse.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/runtime/http/scope/RequestAware.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/exceptions/ConnectionClosedException.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/FilterChain.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Error.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/exceptions/ContentLengthExceededException.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/multipart/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/DefaultSslConfiguration.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/exceptions/HttpStatusException.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Trace.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/UriTypeMatchTemplate.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/HttpFilterResolver.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Part.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/SslConfigurationException.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/runtime/http/scope/RequestScope.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/DefaultHttpFactories.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/FullHttpRequest.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/TypedRequestArgumentBinder.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/SameSite.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/hateoas/Resource.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/util/OutgoingHttpRequestProcessor.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/event/HttpRequestReceivedEvent.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/ClientAuthentication.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpStatus.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Status.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/SimpleHttpParameters.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpHeaders.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Get.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Patch.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpMessageWrapper.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/codec/MediaTypeCodecRegistry.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/PathVariable.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/sse/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Delete.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/ClientContextPathProvider.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/multipart/MultipartException.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/FilterMatcher.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/MutableHttpResponse.java

- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpMessage.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/multipart/CompletedFileUpload.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/QueryValue.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/hateoas/DefaultLink.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpVersion.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/event/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/ServerFilterChain.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/MutableHttpParameters.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/exceptions/UriSyntaxException.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/RequestAttribute.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/QueryValueArgumentBinder.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/hateoas/AbstractResource.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpRequestFactory.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/UriMatchTemplate.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Controller.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/ContinuationArgumentBinder.kt
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/RequestBinderRegistry.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/DefaultRequestBinderRegistry.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/http/multipart/StreamingFileUpload.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpResponseWrapper.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/BasicAuth.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/UriMatcher.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/codec/MediaTypeCodec.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/runtime/http/codec/TextPlainCodec.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/hateoas/VndError.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/cookies/SimpleCookies.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/util/OutgoingRequestProcessorMatcher.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpRequestWrapper.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/Cookies.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/cookies/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/exceptions/HttpException.java
- *
- /micronaut-http-4-3-7-sources-jar/io/micronaut/runtime/http/codec/package-info.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/MediaType.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/SimpleHttpHeaders.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/HttpServerFilterResolver.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Filter.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/multipart/FileUpload.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/DefaultFilterEntry.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/SimpleHttpRequest.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/hateoas/Link.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/SimpleHttpResponse.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Put.java
- * /micronaut-http-4-3-7-sources-jar/io/micronaut/http/util/HttpUtil.java

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*
/micronaut-http-4-3-7-sources-jar/io/micronaut/http/resource/ResourceLoaderFactory.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/HeaderAnnotationBinder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/NonBlockingBodyArgumentBinder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/HttpClientFilterResolver.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/Cookie.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/SimpleHttpResponseFactory.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/sse/DefaultEvent.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/ssl/SslBuilder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/exceptions/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/codec/CodecConfiguration.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpHeaderValues.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/hateoas/package-info.java
*
/micronaut-http-4-3-7-sources-jar/io/micronaut/http/cookie/CookieConfiguration.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/resource/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/HttpServerFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/simple/cookies/SimpleCookieFactory.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/UriTemplate.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/hateoas/JsonError.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Headers.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Post.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpAttributes.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/uri/DefaultUriBuilder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/AnnotatedRequestArgumentBinder.java
*
/micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/HttpFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/ServerContextPathProvider.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpRequest.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/context/package-info.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpResponseFactory.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Options.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/BodyArgumentBinder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/sse/Event.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/HttpClientFilter.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/Header.java
*
/micronaut-http-4-3-7-sources-jar/io/micronaut/http/converters/SharedHttpConvertersRegistrar.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/MutableHttpMessage.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/bind/binders/CookieAnnotationBinder.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/filter/ClientFilterChain.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/HttpMethodMapping.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/HttpParameters.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/annotation/UriMapping.java
* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/MutableHttpHeaders.java

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* /micronaut-http-4-3-7-sources-jar/io/micronaut/http/converters/HttpConverterRegistrar.java

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```
# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# 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/>.
#
# https://svn.apache.org/viewvc/httpd/httpd/trunk/docs/conf/mime.types?revision=1810121&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 cdmioq
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
application/cu-seeme cu
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

application/dvcs
application/ecmascript ecma
application/edi-consent
application/edi-x12
application/edifact
application/efi
application/emergencycalldata.comment+xml
application/emergencycalldata.deviceinfo+xml
application/emergencycalldata.providerinfo+xml
application/emergencycalldata.serviceinfo+xml
application/emergencycalldata.subscriberinfo+xml
application/emma+xml emma
application/emotionml+xml
application/encaprtp
application/epp+xml
application/epub+zip epub
application/eshop
application/example
application/exi exi
application/fastinfoset
application/fastsoap
application/fdt+xml
application/fits
application/font-tdpfr pfr
application/framework-attributes+xml
application/geo+json
application/gml+xml gml
application/gpx+xml gpx
application/gxf gxf
application/gzip
application/h224
application/held+xml
application/http
application/hyperstudio stk

application/ibe-key-request+xml
application/ibe-pkg-reply+xml
application/ibe-pp-data
application/iges
application/im-iscomposing+xml
application/index
application/index.cmd
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/javascript mjs
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
application/mads+xml mads
application/marc mrc
application/marcxml+xml mrcx
application/mathematica ma nb mb
application/mathml+xml mathml
application/mathml-content+xml
application/mathml-presentation+xml
application/mbms-associated-procedure-description+xml
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
application/rsd+xml rsd
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/smp336m
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
 # application/vnd.3gpp.access-transfer-events+xml
 # application/vnd.3gpp.bsf+xml
 # application/vnd.3gpp.mid-call+xml
 application/vnd.3gpp.pic-bw-large plb
 application/vnd.3gpp.pic-bw-small psb
 application/vnd.3gpp.pic-bw-var pvb
 #
 application/vnd.3gpp.sms
 # application/vnd.3gpp.sms+xml
 # application/vnd.3gpp.srvcc-ext+xml
 # application/vnd.3gpp.srvcc-info+xml
 # application/vnd.3gpp.state-and-event-info+xml
 # application/vnd.3gpp.ussd+xml
 # application/vnd.3gpp2.bcmcsinfo+xml

```

# 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
# application/vnd.adobe.partial-upload
application/vnd.adobe.xdp+xml xdp
application/vnd.adobe.xfdf xfdf
# application/vnd.aether.imp
# application/vnd.ah-barcode
application/vnd.ahead.space ahead
application/vnd.airzip.filesecure.azf azf
application/vnd.airzip.filesecure.azs azs
application/vnd.amazon.ebook azw
#
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
# 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
application/vnd.claymore cla
application/vnd.cloanto.rp9 rp9
application/vnd.clonk.c4group c4g c4d c4f c4p c4u
application/vnd.cluetrust.cartomobile-config c11amc
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 cdbcmsg
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
application/vnd.criticaltools.wbs+xml wbs
application/vnd.ctc-posml pml
application/vnd.ctct.ws+xml
application/vnd.cups-pdf
application/vnd.cups-postscript
application/vnd.cups-ppd ppd
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
application/vnd.dvb.dvbj
application/vnd.dvb.esgcontainer
application/vnd.dvb.ipdcdftnotifaccess
application/vnd.dvb.ipdcesgaccess
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
#
application/vnd.ericsson.quickcall
application/vnd.eszigno3+xml es3 et3
# application/vnd.etsi.aoc+xml
# application/vnd.etsi.asic-e+zip
# application/vnd.etsi.asic-s+zip
# application/vnd.etsi.cug+xml
# application/vnd.etsi.iptvcommand+xml
# application/vnd.etsi.iptvdiscovery+xml
# application/vnd.etsi.iptvprofile+xml
# application/vnd.etsi.iptvsad-bc+xml
# application/vnd.etsi.iptvsad-cod+xml
# application/vnd.etsi.iptvsad-npvr+xml
# application/vnd.etsi.iptvservice+xml
# application/vnd.etsi.iptvsync+xml
# application/vnd.etsi.iptvueprofile+xml
# application/vnd.etsi.mcid+xml
# application/vnd.etsi.mheg5
# application/vnd.etsi.overload-control-policy-dataset+xml
# application/vnd.etsi.pstn+xml
# application/vnd.etsi.sci+xml
# application/vnd.etsi.simservs+xml
# application/vnd.etsi.timestamp-token
# application/vnd.etsi.tsl+xml
# application/vnd.etsi.tsl.der
# 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
application/vnd.genomatix.tuxedo txd
# application/vnd.geo+json
# application/vnd.geocube+xml
application/vnd.geogebra.file ggb
application/vnd.geogebra.tool ggt
application/vnd.geometry-explorer gex gre
application/vnd.geonext gxt
application/vnd.geoplan g2w
application/vnd.geospace g3w
# application/vnd.gerber
# application/vnd.globalplatform.card-content-mgt
# application/vnd.globalplatform.card-content-mgt-response
application/vnd.gmx gmx
application/vnd.google-earth.kml+xml kml
application/vnd.google-earth.kmz kmz
# application/vnd.gov.sk.e-form+xml

```

```

# application/vnd.gov.sk.e-form+zip
# application/vnd.gov.sk.xmldatacontainer+xml
application/vnd.grafeq  gqf gqs
# application/vnd.gridmp
application/vnd.groove-account  gac
application/vnd.groove-help  ghf
application/vnd.groove-identity-message  gim
application/vnd.groove-injector  grv
application/vnd.groove-tool-message  gtm
application/vnd.groove-tool-template  tpl
application/vnd.groove-vcard  vcg
#
  application/vnd.hal+json
application/vnd.hal+xml  hal
application/vnd.handheld-entertainment+xml  zmm
application/vnd.hbci  hbci
# application/vnd.hcl-bireports
# application/vnd.hdt
# application/vnd.heroku+json
application/vnd.hhe.lesson-player  les
application/vnd.hp-hpgl  hpgl
application/vnd.hp-hpid  hpid
application/vnd.hp-hps  hps
application/vnd.hp-jlyt  jlt
application/vnd.hp-pcl  pcl
application/vnd.hp-pclxl  pclxl
# application/vnd.httpphone
application/vnd.hydrostatix.sof-data  sfd-hdstx
# application/vnd.hyperdrive+json
# application/vnd.hzn-3d-crossword
# application/vnd.ibm.afplinedata
# application/vnd.ibm.electronic-media
application/vnd.ibm.minipay  mpy
application/vnd.ibm.modcap  afp listafp list3820
application/vnd.ibm.rights-management  irm
application/vnd.ibm.secure-container  sc
application/vnd.iccprofile  icc icm
#
  application/vnd.ieee.1905
application/vnd.igloader  igl
application/vnd.immervision-ivp  ivp
application/vnd.immervision-ivu  ivu
# application/vnd.ims.imsccv1p1
# application/vnd.ims.imsccv1p2
# application/vnd.ims.imsccv1p3
# application/vnd.ims.lis.v2.result+json
# application/vnd.ims.lti.v2.toolconsumerprofile+json
# application/vnd.ims.lti.v2.toolproxy+json

```

```

# application/vnd.ims.lti.v2.toolproxy.id+json
# application/vnd.ims.lti.v2.toolsettings+json
# application/vnd.ims.lti.v2.toolsettings.simple+json
# application/vnd.informedcontrol.rms+xml
# application/vnd.informix-visionary
# application/vnd.infotech.project
# application/vnd.infotech.project+xml
# 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
# application/vnd.iptc.g2.catalogitem+xml
# application/vnd.iptc.g2.conceptitem+xml
#
application/vnd.iptc.g2.knowledgeitem+xml
# application/vnd.iptc.g2.newsitem+xml
# 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
# application/vnd.japannet-registration-wakeup
# application/vnd.japannet-setstore-wakeup
# application/vnd.japannet-verification
# application/vnd.japannet-verification-wakeup
application/vnd.jcp.javame.midlet-rms  rms
application/vnd.jisp  jisp
application/vnd.joost.joda-archive  joda
# application/vnd.jsk.isdn-ngn
application/vnd.kahootz  ktz 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
 application/vnd.kodak-descriptor sse
 application/vnd.las.las+xml lasxml
 # application/vnd.liberty-request+xml
 application/vnd.llamagraphics.life-balance.desktop lbd
 application/vnd.llamagraphics.life-balance.exchange+xml lbe
 application/vnd.lotus-1-2-3 123
 application/vnd.lotus-approach apr
 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
 application/vnd.macports.portpkg portpkg
 # application/vnd.mapbox-vector-tile
 # application/vnd.marlin.drm.actiontoken+xml
 # application/vnd.marlin.drm.conftoken+xml
 #
 application/vnd.marlin.drm.license+xml
 # application/vnd.marlin.drm.mdcf
 # 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
 application/vnd.mif mif
 # application/vnd.minisoft-hp3000-save
 # application/vnd.mitsubishi.misty-guard.trustweb
 application/vnd.mobius.daf daf
 application/vnd.mobius.dis dis
 application/vnd.mobius.mbk mbk
 application/vnd.mobius.mqy mqy
 application/vnd.mobius.msl msl
 application/vnd.mobius.plc plc

```

application/vnd.mobius.txf txf
application/vnd.mophun.application mpn
application/vnd.mophun.certificate mpc
# application/vnd.motorola.flexsuite
#
application/vnd.motorola.flexsuite.adsi
# 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
application/vnd.ms-excel.addin.macroenabled.12 xlam
application/vnd.ms-excel.sheet.binary.macroenabled.12 xlsb
application/vnd.ms-excel.sheet.macroenabled.12 xlsx
application/vnd.ms-excel.template.macroenabled.12 xltm
application/vnd.ms-fontobject eot
application/vnd.ms-htmlhelp chm
application/vnd.ms-ims ims
application/vnd.ms-lrm lrm
# application/vnd.ms-office.activex+xml
application/vnd.ms-officetheme thmx
# application/vnd.ms-opentype
#
application/vnd.ms-package.obfuscated-opentype
application/vnd.ms-pki.seccat cat
application/vnd.ms-pki.stl stl
# application/vnd.ms-playready.initiator+xml
application/vnd.ms-powerpoint ppt pps pot
application/vnd.ms-powerpoint.addin.macroenabled.12 ppam
application/vnd.ms-powerpoint.presentation.macroenabled.12 pptm
application/vnd.ms-powerpoint.slide.macroenabled.12 sldm
application/vnd.ms-powerpoint.slideshow.macroenabled.12 ppsm
application/vnd.ms-powerpoint.template.macroenabled.12 potm
# application/vnd.ms-printdevicecapabilities+xml
# application/vnd.ms-printing.printticket+xml
# application/vnd.ms-printschematicket+xml
application/vnd.ms-project mpp mpt
# application/vnd.ms-tnef
# application/vnd.ms-windows.devicepairing
# application/vnd.ms-windows.nwprinting.oob

```



```

# application/vnd.ms-windows.printerpairing
# application/vnd.ms-windows.wsd.oob
# application/vnd.ms-wmdrm.lic-chlg-req
# application/vnd.ms-wmdrm.lic-resp
# application/vnd.ms-wmdrm.meter-chlg-req
#
application/vnd.ms-wmdrm.meter-resp
application/vnd.ms-word.document.macroenabled.12 docm
application/vnd.ms-word.template.macroenabled.12 dotm
application/vnd.ms-works wps wks wcm wdb
application/vnd.ms-wpl wpl
application/vnd.ms-xpsdocument xps
# 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
# application/vnd.ncd.control
# application/vnd.ncd.reference
# application/vnd.nervana
# application/vnd.netfpx
application/vnd.neurolanguage.nlu nlu
# application/vnd.nintendo.nitro.rom
# application/vnd.nintendo.snes.rom
application/vnd.nitf ntf nitf
application/vnd.noblenet-directory nnd
application/vnd.noblenet-sealer nns
application/vnd.noblenet-web nnw
# application/vnd.nokia.catalogs
# application/vnd.nokia.conml+wbxml
# application/vnd.nokia.conml+xml
#
application/vnd.nokia.iptv.config+xml
# application/vnd.nokia.isds-radio-presets
# application/vnd.nokia.landmark+wbxml
# application/vnd.nokia.landmark+xml
# application/vnd.nokia.landmarkcollection+xml
# application/vnd.nokia.n-gage.ac+xml
application/vnd.nokia.n-gage.data ngdat
application/vnd.nokia.n-gage.symbian.install n-gage
# application/vnd.nokia.ncd
# application/vnd.nokia.pcd+wbxml
# application/vnd.nokia.pcd+xml
application/vnd.nokia.radio-preset rpst

```

```

application/vnd.nokia.radio-presets rpss
application/vnd.novadigm.edm edm
application/vnd.novadigm.edx edx
application/vnd.novadigm.ext ext
# application/vnd.ntt-local.content-share
# application/vnd.ntt-local.file-transfer
# application/vnd.ntt-local.ogw_remote-access
# application/vnd.ntt-local.sip-ta_remote
# application/vnd.ntt-local.sip-ta_tcp_stream
application/vnd.oasis.opendocument.chart odc
application/vnd.oasis.opendocument.chart-template otc
application/vnd.oasis.opendocument.database odb
application/vnd.oasis.opendocument.formula odf
application/vnd.oasis.opendocument.formula-template odft
application/vnd.oasis.opendocument.graphics odg
application/vnd.oasis.opendocument.graphics-template otg
application/vnd.oasis.opendocument.image odi
application/vnd.oasis.opendocument.image-template oti
application/vnd.oasis.opendocument.presentation odp
application/vnd.oasis.opendocument.presentation-template otp
application/vnd.oasis.opendocument.spreadsheet ods
application/vnd.oasis.opendocument.spreadsheet-template ots
application/vnd.oasis.opendocument.text odt
application/vnd.oasis.opendocument.text-master odm
application/vnd.oasis.opendocument.text-template ott
application/vnd.oasis.opendocument.text-web oth
#
application/vnd.obn
# application/vnd.oftn.l10n+json
# application/vnd.oipf.contentaccessdownload+xml
# application/vnd.oipf.contentaccessstreaming+xml
# application/vnd.oipf.cspg-hexbinary
# application/vnd.oipf.dae.svg+xml
# application/vnd.oipf.dae.xhtml+xml
#
application/vnd.oipf.mippvcontrolmessage+xml
# application/vnd.oipf.pae.gem
# application/vnd.oipf.spdiscovery+xml
# application/vnd.oipf.spdlist+xml
# application/vnd.oipf.ueprofile+xml
# application/vnd.oipf.userprofile+xml
application/vnd.olpc-sugar xo
# application/vnd.oma-scws-config
# application/vnd.oma-scws-http-request
# application/vnd.oma-scws-http-response
# application/vnd.oma.bcast.associated-procedure-parameter+xml
# application/vnd.oma.bcast.drm-trigger+xml
# application/vnd.oma.bcast.imd+xml

```

```

# application/vnd.oma.bcast.ltkm
# application/vnd.oma.bcast.notification+xml
# application/vnd.oma.bcast.provisioningtrigger
# application/vnd.oma.bcast.sgboot
# application/vnd.oma.bcast.sgdd+xml
# application/vnd.oma.bcast.sgdu
# application/vnd.oma.bcast.simple-symbol-container
# application/vnd.oma.bcast.smartcard-trigger+xml
# 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-subinvite+xml
# application/vnd.oma.cab-user-prefs+xml
# application/vnd.oma.dcd
# application/vnd.oma.dcdc
application/vnd.oma.dd2+xml dd2
# application/vnd.oma.drm.risd+xml
# application/vnd.oma.group-usage-list+xml
# application/vnd.oma.lwm2m+json
# application/vnd.oma.lwm2m+tlv
# application/vnd.oma.pal+xml
# application/vnd.oma.poc.detailed-progress-report+xml
# application/vnd.oma.poc.final-report+xml
# application/vnd.oma.poc.groups+xml
# application/vnd.oma.poc.invocation-descriptor+xml
# application/vnd.oma.poc.optimized-progress-report+xml
# application/vnd.oma.push
# application/vnd.oma.scidm.messages+xml
# application/vnd.oma.xcap-directory+xml
# application/vnd.omads-email+xml
# application/vnd.omads-file+xml
# application/vnd.omads-folder+xml
# application/vnd.omaloc-supl-init
# application/vnd.onepager
# application/vnd.openblox.game+xml
# application/vnd.openblox.game-binary
# application/vnd.openeye.oeb
application/vnd.openofficeorg.extension oxt
#
application/vnd.openxmlformats-officedocument.custom-properties+xml
# application/vnd.openxmlformats-officedocument.customxmlproperties+xml
# application/vnd.openxmlformats-officedocument.drawing+xml
# application/vnd.openxmlformats-officedocument.drawingml.chart+xml
# application/vnd.openxmlformats-officedocument.drawingml.chartshapes+xml
# application/vnd.openxmlformats-officedocument.drawingml.diagramcolors+xml

```

```

# application/vnd.openxmlformats-officedocument.drawingml.diagramdata+xml
# application/vnd.openxmlformats-officedocument.drawingml.diagramlayout+xml
# application/vnd.openxmlformats-officedocument.drawingml.diagramstyle+xml
# application/vnd.openxmlformats-officedocument.extended-properties+xml
# application/vnd.openxmlformats-officedocument.presentationml.commentauthors+xml
# application/vnd.openxmlformats-officedocument.presentationml.comments+xml
# application/vnd.openxmlformats-officedocument.presentationml.handoutmaster+xml
#
# application/vnd.openxmlformats-officedocument.presentationml.notesmaster+xml
# application/vnd.openxmlformats-officedocument.presentationml.notesslide+xml
application/vnd.openxmlformats-officedocument.presentationml.presentation pptx
# application/vnd.openxmlformats-officedocument.presentationml.presentation.main+xml
# application/vnd.openxmlformats-officedocument.presentationml.presprops+xml
application/vnd.openxmlformats-officedocument.presentationml.slide sldx
# application/vnd.openxmlformats-officedocument.presentationml.slide+xml
# application/vnd.openxmlformats-officedocument.presentationml.slidelayout+xml
# application/vnd.openxmlformats-officedocument.presentationml.slidemaster+xml
application/vnd.openxmlformats-officedocument.presentationml.slideshow ppsx
# application/vnd.openxmlformats-officedocument.presentationml.slideshow.main+xml
# application/vnd.openxmlformats-officedocument.presentationml.slideupdateinfo+xml
# application/vnd.openxmlformats-officedocument.presentationml.tablestyles+xml
#
# application/vnd.openxmlformats-officedocument.presentationml.tags+xml
application/vnd.openxmlformats-officedocument.presentationml.template potx
# application/vnd.openxmlformats-officedocument.presentationml.template.main+xml
# application/vnd.openxmlformats-officedocument.presentationml.viewprops+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.calcchain+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.chartsheet+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.comments+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.connections+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.dialogsheet+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.externallink+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.pivotcachedefinition+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.pivotcacherecords+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.pivottable+xml
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# application/vnd.openxmlformats-officedocument.spreadsheetml.querytable+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.revisionheaders+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.revisionlog+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.sharedstrings+xml
application/vnd.openxmlformats-officedocument.spreadsheetml.sheet xlsx
# application/vnd.openxmlformats-officedocument.spreadsheetml.sheet.main+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.sheetmetadata+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.styles+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.table+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.tablesinglecells+xml
application/vnd.openxmlformats-officedocument.spreadsheetml.template xltx
# application/vnd.openxmlformats-officedocument.spreadsheetml.template.main+xml

```

```

# application/vnd.openxmlformats-officedocument.spreadsheetml.usernames+xml
#
application/vnd.openxmlformats-officedocument.spreadsheetml.volatiledependencies+xml
# application/vnd.openxmlformats-officedocument.spreadsheetml.worksheet+xml
# application/vnd.openxmlformats-officedocument.theme+xml
# application/vnd.openxmlformats-officedocument.themeoverride+xml
# application/vnd.openxmlformats-officedocument.vmldrawing
# application/vnd.openxmlformats-officedocument.wordprocessingml.comments+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.document docx
# application/vnd.openxmlformats-officedocument.wordprocessingml.document.glossary+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.document.main+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.endnotes+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.fonttable+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.footer+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.footnotes+xml
#
application/vnd.openxmlformats-officedocument.wordprocessingml.numbering+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.settings+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.styles+xml
application/vnd.openxmlformats-officedocument.wordprocessingml.template dotx
# application/vnd.openxmlformats-officedocument.wordprocessingml.template.main+xml
# application/vnd.openxmlformats-officedocument.wordprocessingml.websettings+xml
# application/vnd.openxmlformats-package.core-properties+xml
# application/vnd.openxmlformats-package.digital-signature-xmlsignature+xml
# 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
# application/vnd.osgi.bundle
application/vnd.osgi.dp dp
application/vnd.osgi.subsystem esa
# application/vnd.otp.ct-kip+xml
# application/vnd.oxli.countgraph
#
application/vnd.pagerduty+json
application/vnd.palm pdb pqa oprc
# application/vnd.panoply
# application/vnd.paos.xml
application/vnd.pawaaf file paw
# application/vnd.pcos
application/vnd.pg.format str
application/vnd.pg.osasli ei6
# application/vnd.piaccess.application-licence
application/vnd.picsel efif
application/vnd.pmi.widget wg
# application/vnd.poc.group-advertisement+xml
application/vnd.pocketlearn plf

```

```

application/vnd.powerbuilder6 pbd
# application/vnd.powerbuilder6-s
# application/vnd.powerbuilder7
# application/vnd.powerbuilder7-s
# application/vnd.powerbuilder75
# application/vnd.powerbuilder75-s
# application/vnd.preminet
application/vnd.previewsystems.box box
application/vnd.proteus.magazine mgz
application/vnd.publishare-delta-tree qps
application/vnd.pvi.ptid1 ptid
# application/vnd.pwg-multiplexed
# application/vnd.pwg-xhtml-print+xml
# application/vnd.qualcomm.brew-app-res
# application/vnd.quarantainenet
application/vnd.quark.quarkxpress qxd
qxt qwd qwt qxl qxb
# application/vnd.quobject-quoxdocument
# application/vnd.radisys.moml+xml
# application/vnd.radisys.msml+xml
# application/vnd.radisys.msml-audit+xml
# application/vnd.radisys.msml-audit-conf+xml
# application/vnd.radisys.msml-audit-conn+xml
# application/vnd.radisys.msml-audit-dialog+xml
# application/vnd.radisys.msml-audit-stream+xml
# application/vnd.radisys.msml-conf+xml
# application/vnd.radisys.msml-dialog+xml
# application/vnd.radisys.msml-dialog-base+xml
# application/vnd.radisys.msml-dialog-fax-detect+xml
# application/vnd.radisys.msml-dialog-fax-sendrecv+xml
# application/vnd.radisys.msml-dialog-group+xml
# application/vnd.radisys.msml-dialog-speech+xml
# application/vnd.radisys.msml-dialog-transform+xml
# application/vnd.rainstor.data
# application/vnd.rapid
# application/vnd.rar
application/vnd.realvnc.bed bed
application/vnd.recordare.musicxml mxl
application/vnd.recordare.musicxml+xml musicxml
# application/vnd.renlearn.rlprint
application/vnd.rig.cryptonote cryptonote
application/vnd.rim.cod cod
application/vnd.rm-realmedia rm
application/vnd.rm-realmedia-vbr rmvb
application/vnd.route66.link66+xml link66
#
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
application/vnd.sealed.csf
application/vnd.sealed.doc
application/vnd.sealed.eml
application/vnd.sealed.mht
application/vnd.sealed.net
application/vnd.sealed.ppt
application/vnd.sealed.tiff
application/vnd.sealed.xls
application/vnd.sealedmedia.softseal.html
application/vnd.sealedmedia.softseal.pdf
application/vnd.seemail see
application/vnd.sema sema
application/vnd.semd semd
application/vnd.semf semf
application/vnd.shana.informed.formdata ifm
application/vnd.shana.informed.formtemplate itp
application/vnd.shana.informed.interchange iif
application/vnd.shana.informed.package ipk
application/vnd.simtech-mindmapper twd
twds
application/vnd.siren+json
application/vnd.smaf mmf
application/vnd.smart.notebook
application/vnd.smart.teacher teacher
application/vnd.software602.filler.form+xml
application/vnd.software602.filler.form+xml-zip
application/vnd.solent.sdkm+xml sdkm sdkd
application/vnd.spotfire.dxp dxp
application/vnd.spotfire.sfs sfs
application/vnd.sss-cod
application/vnd.sss-dtf
application/vnd.sss-ntf
application/vnd.stardivision.calc sdc
application/vnd.stardivision.draw sda
application/vnd.stardivision.impress sdd
application/vnd.stardivision.math smf
application/vnd.stardivision.writer sdw vor
application/vnd.stardivision.writer-global sgl
application/vnd.stepmania.package smzip
application/vnd.stepmania.stepchart sm
application/vnd.street-stream
application/vnd.sun.wadl+xml

application/vnd.sun.xml.calc sxc
application/vnd.sun.xml.calc.template stc
application/vnd.sun.xml.draw sxd
application/vnd.sun.xml.draw.template std
application/vnd.sun.xml.impress sxi
application/vnd.sun.xml.impress.template sti
application/vnd.sun.xml.math sxm
application/vnd.sun.xml.writer sxw
application/vnd.sun.xml.writer.global sxcg
application/vnd.sun.xml.writer.template stw
application/vnd.sus-calendar sus
susp
application/vnd.svd svd
application/vnd.swiftview-ics
application/vnd.symbian.install sis sisx
application/vnd.syncml+xml xsm
application/vnd.syncml.dm+wbxml bdm
application/vnd.syncml.dm+xml xdm
application/vnd.syncml.dm.notification
application/vnd.syncml.dmddf+wbxml
application/vnd.syncml.dmddf+xml
application/vnd.syncml.dmtnds+wbxml
application/vnd.syncml.dmtnds+xml
application/vnd.syncml.ds.notification
application/vnd.tao.intent-module-archive tao
application/vnd.tcpdump.pcap pcap cap dmp
application/vnd.tmd.mediaflex.api+xml
application/vnd.tml
application/vnd.tmobile-livetv tmo
application/vnd.trid.tpt tpt
application/vnd.triscape.mxs mxs
application/vnd.trueapp tra

application/vnd.truedoc
application/vnd.ubisoft.webplayer
application/vnd.ufdl ufd ufdl
application/vnd.uiq.theme utz
application/vnd.umajin umj
application/vnd.unity unityweb
application/vnd.uoml+xml uoml
application/vnd.uplanet.alert
application/vnd.uplanet.alert-wbxml
application/vnd.uplanet.bearer-choice
application/vnd.uplanet.bearer-choice-wbxml
application/vnd.uplanet.cacheop
application/vnd.uplanet.cacheop-wbxml
application/vnd.uplanet.channel
application/vnd.uplanet.channel-wbxml

application/vnd.uplanet.list
application/vnd.uplanet.list-wbxml
application/vnd.uplanet.listcmd
application/vnd.uplanet.listcmd-wbxml
application/vnd.uplanet.signal
application/vnd.uri-map
application/vnd.valve.source.material
application/vnd.vcx vcx
application/vnd.vd-study
application/vnd.vectorworks
application/vnd.vel+json
application/vnd.verimatrix.vcas
application/vnd.vidsoft.vidconference
application/vnd.visio vsd
vst vss vsw
application/vnd.visionary vis
application/vnd.vividence.scriptfile
application/vnd.vsf vsf
application/vnd.wap.sic
application/vnd.wap.slc
application/vnd.wap.wbxml wbxml
application/vnd.wap.wmlc wmlc
application/vnd.wap.wmlscriptc wmlsc
application/vnd.webturbo wtb
application/vnd.wfa.p2p
application/vnd.wfa.wsc
application/vnd.windows.devicepairing
application/vnd.wmc
application/vnd.wmf.bootstrap
application/vnd.wolfram.mathematica
application/vnd.wolfram.mathematica.package
application/vnd.wolfram.player nbp
application/vnd.wordperfect wpd
application/vnd.wqd wqd
application/vnd.wrq-hp3000-labelled
application/vnd.wt.stf stf
application/vnd.wv.csp+wbxml
application/vnd.wv.csp+xml
application/vnd.wv.ssp+xml
application/vnd.xacml+json
application/vnd.xara xar
application/vnd.xfdl xfdl
application/vnd.xfdl.webform
application/vnd.xmi+xml
application/vnd.xmpie.cpkg

application/vnd.xmpie.dpkg
application/vnd.xmpie.plan

```

# application/vnd.xmpie.ppkg
# application/vnd.xmpie.xlim
application/vnd.yamaha.hv-dic hvd
application/vnd.yamaha.hv-script hvs
application/vnd.yamaha.hv-voice hvp
application/vnd.yamaha.openscoreformat osf
application/vnd.yamaha.openscoreformat.osfpvg+xml osfpvg
# application/vnd.yamaha.remote-setup
application/vnd.yamaha.smaf-audio saf
application/vnd.yamaha.smaf-phrase spf
# application/vnd.yamaha.through-ngn
# application/vnd.yamaha.tunnel-udpencap
# application/vnd.yaoweme
application/vnd.yellowriver-custom-menu cmp
application/vnd.zul zir zirz
application/vnd.zzazz.deck+xml zaz
application/voicexml+xml vxml
# application/vq-rtcpvr
# application/watcherinfo+xml
# application/whoispp-query
# application/whoispp-response
application/widget wgt
application/winhelp hlp
# application/wita
# application/wordperfect5.1
application/wsdl+xml wsdl
application/wspolicy+xml wspolicy
application/x-7z-compressed 7z
application/x-abiword abw
application/x-ace-compressed ace
#
application/x-amf
application/x-apple-diskimage dmg
application/x-authorware-bin aab x32 u32 vox
application/x-authorware-map aam
application/x-authorware-seg aas
application/x-bcpio bcpio
application/x-bittorrent torrent
application/x-blorb blb blorb
application/x-bzip bz
application/x-bzip2 bz2 boz
application/x-cbr cbr cba cbt cbz cb7
application/x-cdlink vcd
application/x-cfs-compressed cfs
application/x-chat chat
application/x-chess-pgn pgn
# application/x-compress
application/x-conference nsc

```

application/x-cpio cpio
application/x-csh csh
application/x-debian-package deb udeb
application/x-dgc-compressed dgc
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
application/x-dtbresource+xml res
application/x-dvi dvi
application/x-envoy evy
application/x-eva eva
application/x-font-bdf bdf

application/x-font-dos
application/x-font-framemaker
application/x-font-ghostscript gsf
application/x-font-libgrx
application/x-font-linux-psf psf
application/x-font-pcf pcf
application/x-font-snf snf
application/x-font-speedo
application/x-font-sunos-news
application/x-font-type1 pfa pfb pfm afm
application/x-font-vfont
application/x-freearc arc
application/x-futuresplash spl
application/x-gca-compressed gca
application/x-glulx ulx
application/x-gnumeric gnumeric
application/x-gramps-xml gramps
application/x-gtar gtar
application/x-gzip
application/x-hdf hdf
application/x-install-instructions install
application/x-iso9660-image iso
application/x-java-jnlp-file jnlp
application/x-latex latex
application/x-lzh-compressed lzh lha
application/x-mie mie
application/x-mobipocket-ebook prc mobi
application/x-ms-application application
application/x-ms-shortcut lnk
application/x-ms-wmd wmd
application/x-ms-wmz wmz
application/x-ms-xbap xbap
application/x-msaccess mdb
application/x-msbinder obd

application/x-mscardfile crd
application/x-msclip clp
application/x-msdownload exe
dll com bat msi
application/x-msmediaview mvb m13 m14
application/x-msmetafile wmf wmz emf emz
application/x-msmoney mny
application/x-mspublisher pub
application/x-msschedule scd
application/x-msterial trm
application/x-mswrite wri
application/x-netcdf nc cdf
application/x-nzb nzb
application/x-pkcs12 p12 pfx
application/x-pkcs7-certificates p7b spc
application/x-pkcs7-certreqresp p7r
application/x-rar-compressed rar
application/x-research-info-systems ris
application/x-sh sh
application/x-shar shar
application/x-shockwave-flash swf
application/x-silverlight-app xap
application/x-sql sql
application/x-stuffit sit
application/x-stuffitx sitx
application/x-subrip srt
application/x-sv4cpio sv4cpio
application/x-sv4crc sv4crc
application/x-t3vm-image t3
application/x-tads gam
application/x-tar tar
application/x-tcl tcl
application/x-tex tex
application/x-tex-tfm tfm
application/x-texinfo texinfo
texi
application/x-tgif obj
application/x-ustar ustar
application/x-wais-source src
application/x-www-form-urlencoded
application/x-x509-ca-cert der crt
application/x-fig fig
application/x-liff+xml xlf
application/x-pinstall xpi
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
application/xenc+xml  xenc
application/xhtml+xml  xhtml 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
application/xproc+xml  xpl
application/xslt+xml  xslt
application/xspf+xml  xspf
application/xv+xml  mxml xhvm xvm xvm
application/yang  yang
application/yin+xml  yin
application/zip  zip
# application/zlib
# audio/1d-interleaved-parityfec
# audio/32kadpcm
# audio/3gpp
# audio/3gpp2
# audio/ac3
audio/adpcm  adp
# audio/amr
# audio/amr-wb
# audio/amr-wb+
# audio/aptx
# audio/asc
# audio/atrac-advanced-lossless
# audio/atrac-x
# audio/atrac3
audio/basic  au snd
# audio/bv16
# audio/bv32
# audio/clearmode
# audio/cn
# audio/dat12
# audio/dls

```

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audio/dsr-es202050
audio/dsr-es202211
audio/dsr-es202212
audio/dv
audio/dvi4
audio/eac3
audio/encaprttp
audio/evrc
audio/evrc-qcp
audio/evrc0
audio/evrc1
audio/evrcb
audio/evrcb0
audio/evrcb1
audio/evrcnw
audio/evrcnw0
audio/evrcnw1
audio/evrcwb
audio/evrcwb0

 audio/evrcwb1
audio/evs
audio/example
audio/fwdred
audio/g711-0
audio/g719
audio/g722
audio/g7221
audio/g723
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audio/g726-24
audio/g726-32
audio/g726-40
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audio/g7291
audio/g729d
audio/g729e
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audio/gsm-efr
audio/gsm-hr-08
audio/ilbc
audio/ip-mr_v2.5
audio/isac
audio/l16
audio/l20
audio/l24

audio/l8
audio/lpc
audio/midi mid midi kar rmi
audio/mobile-xmf
audio/mp4 m4a mp4a
audio/mp4a-latm
audio/mpa
audio/mpa-robust
audio/mpeg mpga mp2 mp2a mp3 m2a m3a
audio/mpeg4-generic
audio/musepack
audio/ogg oga ogg spx
audio/opus
audio/parityfec
audio/pcma
audio/pcma-wb
audio/pcmu
audio/pcmu-wb
audio/prs.sid
audio/qcelp
audio/raptorfec
audio/red
audio/rtp-enc-aescm128
audio/rtp-midi
audio/rtploopback
audio/rtx
audio/s3m s3m
audio/silk sil
audio/smv
audio/smv-qcp
audio/smv0
audio/sp-midi
audio/speex
audio/t140c
audio/t38

audio/telephone-event
audio/tone
audio/uemclip
audio/ulpfec
audio/vdvi
audio/vmr-wb
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audio/vnd.4sb
audio/vnd.audiokoz
audio/vnd.celp
audio/vnd.cisco.nse
audio/vnd.cmles.radio-events

```

# audio/vnd.cns.anp1
# audio/vnd.cns.inf1
audio/vnd.dece.audio    uva uvva
audio/vnd.digital-winds  eol
# audio/vnd.dlna.adts
# audio/vnd.dolby.heaac.1
# audio/vnd.dolby.heaac.2
# audio/vnd.dolby.mlp
# audio/vnd.dolby.mps
# audio/vnd.dolby.pl2
# audio/vnd.dolby.pl2x
# audio/vnd.dolby.pl2z
# audio/vnd.dolby.pulse.1
audio/vnd.dra    dra
audio/vnd.dts    dts
audio/vnd.dts.hd  dtshd
# audio/vnd.dvb.file
# audio/vnd.everad.plj
# audio/vnd.hns.audio
audio/vnd.lucent.voice  lvp
audio/vnd.ms-playready.media.pya  pya
# audio/vnd.nokia.mobile-xmf
# audio/vnd.nortel.vbk
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audio/vnd.nuera.ecelp7470  ecelp7470
audio/vnd.nuera.ecelp9600  ecelp9600
# audio/vnd.octel.sbc
# audio/vnd.qcelp
# audio/vnd.rhetorex.32kadpcm
audio/vnd.rip    rip
#
    audio/vnd.sealedmedia.softseal.mpeg
# audio/vnd.vmx.cvsd
# audio/vorbis
# audio/vorbis-config
audio/webm    weba
audio/x-aac    aac
audio/x-aiff    aif aiff aifc
audio/x-caf    caf
audio/x-flac    flac
audio/x-matroska  mka
audio/x-mpegurl  m3u
audio/x-ms-wax    wax
audio/x-ms-wma    wma
audio/x-pn-realaudio  ram ra
audio/x-pn-realaudio-plugin  rmp
# audio/x-tta
audio/x-wav    wav

```


audio/xm xm
chemical/x-cdx cdx
chemical/x-cif cif
chemical/x-cmdf cmdf
chemical/x-cml cml
chemical/x-csml csml
chemical/x-pdb
chemical/x-xyz xyz
font/collection ttc
font/otf otf
font/sfnt
font/ttf ttf
font/woff woff
font/woff2 woff2
image/bmp bmp
image/cgm cgm
image/dicom-rle
image/emf
image/example
image/fits
image/g3fax g3
image/gif gif
image/ief ief
image/jls
image/jp2
image/jpeg jpeg jpg jpe
image/jpm
image/jpx
image/ktx ktx
image/naplps
image/png png
image/prs.btif btif
image/prs.pti

image/pwg-raster
image/sgi sgi
image/svg+xml svg svgz
image/t38
image/tiff tiff tif
image/tiff-fx
image/vnd.adobe.photoshop psd
image/vnd.airzip.accelerator.azv
image/vnd.cns.inf2
image/vnd.dece.graphic uvi uvvi uvg uvvg
image/vnd.djvu djvu djv
image/vnd.dvb.subtitle sub
image/vnd.dwg dwg
image/vnd.dxf dxf

image/vnd.fastbidsheet fbs
image/vnd.fpx fpx
image/vnd.fst fst
image/vnd.fujixerox.edmics-mmr mmr
image/vnd.fujixerox.edmics-rlc rlc
image/vnd.globalgraphics.pgb
image/vnd.microsoft.icon
image/vnd.mix
image/vnd.mozilla.apng
image/vnd.ms-modi mdi
image/vnd.ms-photo wdp
image/vnd.net-fpx npx
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image/vnd.svf
image/vnd.tencent.tap
image/vnd.valve.source.texture
image/vnd.wap.wbmp wbmp
image/vnd.xiff xif
image/vnd.zbrush.pcx
image/webp webp
image/wmf
image/x-3ds 3ds
image/x-cmu-raster ras
image/x-cmx cmx
image/x-freehand fh
fhc fh4 fh5 fh7
image/x-icon ico
image/x-mrsid-image sid
image/x-pcx pcx
image/x-pict pic pict
image/x-portable-anymap pnm
image/x-portable-bitmap pbm
image/x-portable-graymap pgm
image/x-portable-pixmap ppm
image/x-rgb rgb
image/x-tga tga
image/x-xbitmap xbm
image/x-xpixmap xpm
image/x-xwindowdump xwd
message/cpim
message/delivery-status
message/disposition-notification
message/example
message/external-body
message/feedback-report

message/global
message/global-delivery-status
message/global-disposition-notification
message/global-headers
message/http
message/imdn+xml
message/news
message/partial
message/rfc822 eml mime
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

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model/vnd.gtw gtw
model/vnd.moml+xml
model/vnd.mts mts
model/vnd.opengex
model/vnd.parasolid.transmit.binary
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model/vnd.rosette.annotated-data-model
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model/vnd.vtu vtu
model/vrml wrl vrml
model/x3d+binary x3db x3dbz
model/x3d+fastinfoset
model/x3d+vrml x3dv x3dvz
model/x3d+xml x3d x3dz
model/x3d-vrml
multipart/alternative
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
# text/1d-interleaved-parityfec
text/cache-manifest  appcache
text/calendar  ics ifb
text/css  css
text/csv  csv
# text/csv-schema
#
text/directory
# text/dns
# text/ecmascript
# text/encaprtpt
# text/enriched
# text/example
# text/fwdred
# text/grammar-ref-list
text/html  html htm
# text/javascript
# text/jcr-cnd
# text/markdown
# text/mizar
text/n3  n3
# text/parameters
# text/parityfec
text/plain  txt text conf def list log in
# text/provenance-notation
# text/prs.fallenstein.rst
text/prs.lines.tag  dsc
# text/prs.prop.logic
# text/raptorfec
# text/red
# text/rfc822-headers
text/richtext  rtx
# text/rtf
# text/rtp-enc-aescm128
# text/rtploopback
# text/rtx
text/sgml  sgml sgm
# text/t140
text/tab-separated-values  tsv
text/troff  t tr roff man me ms

```

text/turtle ttl
text/ulpfec
text/uri-list uri uris urls
text/vcard vcard
text/vnd.a
text/vnd.abc
text/vnd.curl curl
text/vnd.curl.dcurl dcurl
text/vnd.curl.mcurl mcurl
text/vnd.curl.scurl scurl
text/vnd.debian.copyright
text/vnd.dmclientscript
text/vnd.dvb.subtitle sub
text/vnd.esmertec.theme-descriptor
text/vnd.fly fly
text/vnd.fmi.flexstor flx
text/vnd.graphviz gv
text/vnd.in3d.3dml 3dml
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text/vnd.radisys.msml-basic-layout
text/vnd.si.uricatalogue
text/vnd.sun.j2me.app-descriptor jad
text/vnd.trolltech.linguist
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text/vnd.wap.wml wml
text/vnd.wap.wmlscript wmls
text/x-asm s asm
text/x-c c cc cxx cpp h hh dic
text/x-fortran f for f77 f90
text/x-java-source java
text/x-nfo nfo
text/x-opml opml
text/x-pascal p pas
text/x-setext etx
text/x-sfv sfv
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text/x-vcard vcf
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video/1d-interleaved-parityfec
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video/3gpp-tt
video/3gpp2 3g2
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video/bt656
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video/dv
video/encaprtsp
video/example
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video/jpeg2000
video/jpm jpm jpgm
video/mj2 mj2 mjp2
video/mp1s
video/mp2p
video/mp2t
video/mp4 mp4 mp4v mpg4
video/mp4v-es
video/mpeg mpeg mpg mpe m1v m2v
video/mpeg4-generic
video/mpv
video/nv
video/ogg ogv
video/parityfec
video/pointer
video/quicktime qt mov
video/raptorfec
video/raw
video/rtp-enc-aescm128
video/rtploopback
video/rtx
video/smp292m
video/ulpfec
video/vc1
video/vnd.cctv
video/vnd.dece.hd uvh uvvh
video/vnd.dece.mobile uvm uvvm

```

# video/vnd.dece.mp4
video/vnd.dece.pd   uvp uvvp
video/vnd.dece.sd   uvs uvvs
video/vnd.dece.video uvv uvvv
# video/vnd.directv.mpeg
# video/vnd.directv.mpeg-tts
# video/vnd.dlna.mpeg-tts
video/vnd.dvb.file  dvb
video/vnd.fvt       fvt
# video/vnd.hns.video
# video/vnd.iptvforum.1dparityfec-1010
#
  video/vnd.iptvforum.1dparityfec-2005
# video/vnd.iptvforum.2dparityfec-1010
# video/vnd.iptvforum.2dparityfec-2005
# video/vnd.iptvforum.ttsavc
# video/vnd.iptvforum.ttsmpeg2
# video/vnd.motorola.video
# video/vnd.motorola.videop
video/vnd.mpegurl   mxu m4u
video/vnd.ms-playready.media.pyv pyv
# video/vnd.nokia.interleaved-multimedia
# video/vnd.nokia.videovoip
# video/vnd.objectvideo
# video/vnd.radgamettools.bink
# video/vnd.radgamettools.smacker
# video/vnd.sealed.mpeg1
# video/vnd.sealed.mpeg4
# video/vnd.sealed.swf
# video/vnd.sealedmedia.softseal.mov
video/vnd.uvu.mp4   uvu uvvu
video/vnd.vivo      viv
# video/vp8
video/webm          webm
video/x-f4v         f4v
video/x-fli         fli
video/x-flv         flv
video/x-m4v         m4v
video/x-matroska    mkv mk3d mks
video/x-mng         mng
video/x-ms-asf      asf asx
video/x-ms-vob      vob
video/x-ms-wm       wm
video/x-ms-wmv      wmv
video/x-ms-wmx      wmx
video/x-ms-wvx      wvx
video/x-msvideo     avi
video/x-sgi-movie   movie

```

video/x-smv smv
x-conference/x-cooltalk ice

Found
in path(s):
* /micronaut-http-4-3-7-sources-jar/META-INF/http/mime.types

1.115 openjdk 17.0.10

1.115.1 Available under license :

c-libutl 20160225

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zlib v1.2.11

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Harfbuzz v2.7.2

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```
## xwd v1.0.7
```

```
### xwd utility
```

```
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*

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

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* <https://github.com/eclipse-ee4j/el-ri>

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1.117 profiler 1.0.2

1.118 commons-beanutils 1.9.4

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1.119 rxjava 1.3.8

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFlatMapCompletable.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoAfterTerminate.java

* /rxjava-1-3-8-sources-4-jar/rx/singles/BlockingSingle.java

* /rxjava-1-3-8-sources-4-jar/rx/observables/AsyncOnSubscribe.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/BlockingUtils.java
* /rxjava-1-3-8-sources-4-jar/rx/SingleSubscriber.java
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* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/QueuedValueProducer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/ProducerObserverArbiter.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/QueuedProducer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BackpressureUtils.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/ProducerArbiter.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/producers/SingleProducer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/producers/SingleDelayedProducer.java

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* /rxjava-1-3-8-sources-4-jar/rx/Single.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCombineLatest.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorCast.java
* /rxjava-1-3-8-sources-4-jar/rx/observables/ConnectableObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeArray.java
*
/rxjava-1-3-8-sources-4-jar/rx/functions/Func7.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaPlugins.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/BooleanSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/MissingBackpressureException.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipWhile.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAsObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableSortedList.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorElementAt.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BufferUntilSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorObserveOn.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/SubscriptionList.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/ScalarSynchronousObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnSubscribe.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcatIterable.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWithLatestFromMany.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/IndexedRingBuffer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/BackpressureDrainManager.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeUntil.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSubscribeOn.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorReplay.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/UnsubscribeFailedException.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeLast.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromArray.java
* /rxjava-1-3-8-sources-4-jar/rx/Subscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorIterable.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/Schedulers.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func4.java
*
/rxjava-1-3-8-sources-4-jar/rx/functions/Action.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSingle.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkip.java
* /rxjava-1-3-8-sources-4-jar/rx/Producer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimeoutTimedWithFallback.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAmb.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorIgnoreElements.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnRequest.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeToMap.java

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- * /rxjava-1-3-8-sources-4-jar/rx/Completable.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/PublishSubject.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func6.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/NewThreadScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/Subject.java
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- * /rxjava-1-3-8-sources-4-jar/rx/Notification.java
- * /rxjava-1-3-8-sources-4-jar/rx/Observer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAll.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/NotificationLite.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action5.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func0.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func9.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTimestamp.java
- * /rxjava-1-3-8-sources-4-jar/rx/Scheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/SerializedSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Functions.java
- * /rxjava-1-3-8-sources-4-jar/rx/observables/SyncOnSubscribe.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func8.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/functions/Action4.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDefer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/RxRingBuffer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDematerialize.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeGroupJoin.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRange.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action3.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromIterable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorLatest.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/Subscribers.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMaterialize.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnEvent.java
- * /rxjava-1-3-8-sources-4-jar/rx/subscriptions/MultipleAssignmentSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeMap.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureDrop.java
- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnCompletedFailedException.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/TrampolineScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorThrottleFirst.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ImmediateScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/TestSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorUnsubscribeOn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSequenceEqual.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableList.java

- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipLast.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/SubjectSubscriptionManager.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action8.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorGroupBy.java
- *
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- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeMap.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/SerializedObserver.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Function.java
- * /rxjava-1-3-8-sources-4-jar/rx/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorZip.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action1.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMapNotification.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/TestScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeTimeout.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/TestObserver.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSingle.java
- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorNotImplementedException.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/ImmediateScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorZipIterable.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/subscriptions/RefCountSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSwitchIfEmpty.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaObservableExecutionHook.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func3.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/SequentialSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSerialize.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorMostRecent.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDoOnEach.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/Observers.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaErrorHandler.java
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- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/Timestamped.java
- * /rxjava-1-3-8-sources-4-jar/rx/observables/BlockingObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func2.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMerge.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action7.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorCast.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/CachedThreadScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/Subscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelay.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeJoin.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeUsing.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/BehaviorSubject.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Action6.java
- * /rxjava-1-3-8-sources-4-jar/rx/observables/GroupedObservable.java


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* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/EventLoopsScheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAutoConnect.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorToFuture.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaObservableExecutionHookDefault.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/ReplaySubject.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnUnsubscribe.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action2.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeIterable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTimeInterval.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func5.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRedo.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFilter.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorToIterator.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/SafeSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorArray.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/GenericScheduledExecutorService.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeLastTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CachedObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/LinkedList.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeUntilPredicate.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func1.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/Subscriptions.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/Exceptions.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/SerialSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/CompositeSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipLastTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMerge.java
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* /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorThrowable.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/NewThreadScheduler.java
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* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SleepingAction.java
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* /rxjava-1-3-8-sources-4-jar/rx/subjects/TestSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/AsyncSubject.java
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* /rxjava-1-3-8-sources-4-jar/rx/functions/ActionN.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnErrorResumeNextViaFunction.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeToObservableFuture.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/SerializedSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcatArray.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/FuncN.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorScan.java
*

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/rxjava-1-3-8-sources-4-jar/rx/schedulers/TrampolineScheduler.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTake.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMulticast.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMapPair.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorEagerConcatMap.java
*
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinct.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ScheduledAction.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerPeriodically.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ExecutorScheduler.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSize.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithSelector.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithTime.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithStartEndObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/RxThreadFactory.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservable.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionOther.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSkipTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipUntil.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerOnce.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservableFactory.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinctUntilChanged.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeDelaySubscriptionOther.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorPublish.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithStartEndObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/PlatformDependent.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorRetryWithPredicate.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionWithSelector.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSingleObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelayWithSelector.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoAfterTerminate.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithSize.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSwitch.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/NewThreadWorker.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureLatest.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithTime.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithTime.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWithLatestFrom.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRefCount.java
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/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCLinkedListArrayQueue.java
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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/observables/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/SafeCompletableSubscriber.java
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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeThrow.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilCompletable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableFlatMapSingleToCompletable.java
* /rxjava-1-3-8-sources-4-jar/rx/annotations/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/InternalObservableUtils.java
* /rxjava-1-3-8-sources-4-jar/rx/BackpressureOverflow.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaCompletableExecutionHook.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnUnsubscribe.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/Unsubscribed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeLift.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleLiftObservableOperator.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSingleExecutionHook.java

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/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnErrorReturn.java
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* /rxjava-1-3-8-sources-4-jar/rx/functions/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblyCompletable.java
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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCreate.java
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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilSingle.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Cancellable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/EmptyObservableHolder.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleToObservable.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SchedulerWhen.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/NeverObservableHolder.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/AsyncCompletableSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SchedulePeriodicHelper.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFlattenIterable.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaHooks.java
* /rxjava-1-3-8-sources-4-jar/rx/singles/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDelay.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTimeout.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnSubscribe.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionSubscriber.java
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*/

```

Found in path(s):

```

* /rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/MpscLinkedAtomicQueue.java

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- */

Found in path(s):

- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCExactAtomicArrayQueue.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCAtomicArrayQueue.java

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- * /rxjava-1-3-8-sources-4-jar/rx/CompletableEmitter.java
- * /rxjava-1-3-8-sources-4-jar/rx/CompletableSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/SingleEmitter.java
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* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SchedulerLifecycle.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeReduce.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/util/SuppressAnimalSniffer.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTakeLastOne.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/DeferredScalarSubscriber.java

*

/rxjava-1-3-8-sources-4-jar/rx/internal/util/ExceptionsUtils.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeConcatMap.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCollect.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeUsing.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromCallable.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/DeferredScalarSubscriberSafe.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorOnErrorResumeNext.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeReduceSeed.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribePublishMulticast.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorZip.java

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* /rxjava-1-3-8-sources-4-jar/rx/Observable.java

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/**

- * This plugin class provides 2 ways to customize {@link Scheduler} functionality

- * 1. You may redefine entire schedulers, if you so choose. To do so, override

- * the 3 methods that return Scheduler (io(), computation(), newThread()).

- * 2. You may wrap/decorate an {@link Action0}, before it is handed off to a Scheduler. The system-

- * supplied Schedulers (Schedulers.ioScheduler, Schedulers.computationScheduler,

- * Scheduler.newThreadScheduler) all use this hook, so it's a convenient way to

- * modify Scheduler functionality without redefining Schedulers wholesale.

*

- * Also, when redefining Schedulers, you are free to use/not use the onSchedule decoration hook.

- * <p>

- * See {@link RxJavaPlugins} or the RxJava GitHub Wiki for information on configuring plugins:

- * <a

- href="https://github.com/ReactiveX/RxJava/wiki/Plugins">https://github.com/ReactiveX/RxJava/wiki/Plugins.

*/

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```

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This package contains code that relies on sun.misc.Unsafe. Before using it you MUST assert
UnsafeAccess.isUnsafeAvailable() == true

Much of the code in this package comes from or is inspired by the JCTools project:
<https://github.com/JCTools/JCTools>

JCTools has now published artifacts (<https://github.com/JCTools/JCTools/issues/17>) so RxJava could add JCTools as a "shadow" dependency (<https://github.com/ReactiveX/RxJava/issues/1735>). RxJava has a "zero dependency" policy for the core library, so if we do add it as a dependency, it won't be an externally visible dependency that results in a separate jar.

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*/

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* /rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/BaseLinkedQueue.java

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====

This package "rx.internal.operators" is for internal implementation details and can change at any time.

It is excluded from the public Javadocs (<http://netflix.github.io/RxJava/javadoc/>) and should not be relied upon by any code.

In short, changes to public signatures of these classes will not be accounted for in the versioning of RxJava.

Found in path(s):

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/README.md

1.120 snappy-java 1.1.10.5

1.120.1 Available under license :

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Manifest-Version: 1.0

Bnd-LastModified: 1695799258578

Bundle-ActivationPolicy: lazy

Bundle-Activator: org.xerial.snappy.SnappyBundleActivator

Bundle-Description: snappy-java: A fast compression/decompression library

Bundle-DocURL: <http://www.xerial.org/>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: snappy-java: A fast compression/decompression library

Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=amd64,org/xerial/snappy/native/Windows/x86/snappyjava.dll;osname=win32;processor=x86,org/xerial/snappy/native/Mac/x86/libsnappyjava.jnilib;osname=macosx;processor=x86,org/xerial/snappy/native/Mac/x86_64/libsnappyjava.dylib;osname=macosx;processor=x86-64,org/xerial/snappy/native/Mac/aarch64/libsnappyjava.dylib;osname=macosx;processor=aarch64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x86-64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=amd64,org/xerial/snappy/native/Linux/x86/libsnappyjava.so;osname=linux;processor=x86,org/xerial/snappy/native/Linux/aarch64/libsnappyjava.so;osname=linux;processor=aarch64,org/xerial/snappy/native/Linux/riscv64/libsnappyjava.so;osname=linux;processor=riscv64,org/xerial/snappy/native/Linux/arm/libsnappyjava.so;osname=linux;processor=arm,org/xerial/snappy/native/Linux/armv7/libsnappyjava.so;osname=linux;processor=arm_le,org/xerial/snappy/native/Linux/ppc64/libsnappyjava.so;osname=linux;processor=ppc64le,org/xerial/snappy/native/Linux/s390x/libsnappyjava.so;osname=linux;processor=s390x,org/xerial/snappy/native/AIX/ppc/libsnappyjava.a;osname=aix;processor=ppc,org/xerial/snappy/native/AIX/ppc64/libsnappyjava.a;osname=aix;processor=ppc64,org/xerial/snappy/native/SunOS/x86/libsnappyjava.so;osname=sunos;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.so;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/

libsnappyjava.so;osname=sunos;processor=sparc
Bundle-SymbolicName: org.xerial.snappy.snappy-java
Bundle-Vendor: xerial.org
Bundle-Version: 1.1.10.5
Created-By: 11.0.20 (Azul Systems, Inc.)
Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial
.snappy.buffer,org.xerial.snappy.pool";version="1.1.10",org.xerial.sn
appy.buffer;version="1.1.10",org.xerial.snappy.pool;version="1.1.10"
Implementation-Title: snappy-java
Implementation-URL: <https://github.com/xerial/snappy-java>
Implementation-Vendor: xerial.org
Implementation-Vendor-Id: org.xerial.snappy
Implementation-Version: 1.1.10.5
Import-Package: org.osgi.framework;version="[1.5,2)"
Private-Package:
org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.na
tive.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.sna
ppy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-aarch
64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.nativ
e.Linux.arm,org.xerial.snappy.native.Linux.armv6,org.xerial.snappy.na
tive.Linux.armv7,org.xerial.snappy.native.Linux.ppc,org.xerial.snappy
.native.Linux.ppc64,org.xerial.snappy.native.Linux.ppc64le,org.xerial
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.xerial.snappy.native.Linux.x86,org.xerial.snappy.native.Linux.x86_64
,org.xerial.snappy.native.Mac.aarch64,org.xerial.snappy.native.Mac.x8
6,org.xerial.snappy.native.Mac.x86_64,org.xerial.snappy.native,org.xe
rial.snappy.native.SunOS.sparc,org.xerial.snappy.native.SunOS.x86,org
.xerial.snappy.native.SunOS.x86_64,org.xerial.snappy.native.Windows.a
arch64,org.xerial.snappy.native.Windows.x86,org.xerial.snappy.native.
Windows.x86_64
Require-Capability:
osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Specification-Title: snappy-java
Specification-Vendor: xerial.org
Specification-Version: 1.1.10.5
Tool: Bnd-5.1.2.202007211702

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* /snappy-java-1-1-10-5-1-jar/META-INF/MANIFEST.MF

1.121 paranamer 2.5.1

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* /paranamer-2-5-1-sources-jar/com/thoughtworks/paranamer/NullParanamer.java
* /paranamer-2-5-1-sources-jar/com/thoughtworks/paranamer/AdaptiveParanamer.java
* /paranamer-2-5-1-sources-jar/com/thoughtworks/paranamer/ParameterNamesNotFoundException.java
* /paranamer-2-5-1-sources-jar/com/thoughtworks/paranamer/CachingParanamer.java
*
* /paranamer-2-5-1-sources-jar/com/thoughtworks/paranamer/DefaultParanamer.java

```

1.122 aws-java-sdk-core 1.12.469

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- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Classes.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/DateUtils.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/BinaryUtils.java

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- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/DelegateInputStream.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/DnsResolver.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/ssl/privileged/PrivilegedMasterSecretValidator.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/TimeoutThreadPoolBuilder.java
- *
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/request/HttpRequestAbortTaskTracker.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/JavaVersionParser.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/settings/HttpClientSettings.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTaskImpl.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/request/HttpRequestAbortTask.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkMetricsSocket.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/DelegatingDnsResolver.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkIOUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/log/JulLog.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/log/CommonsLog.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/ssl/MasterSecretValidators.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/client/ClientExecutionAbortTrackerTask.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/DelegateSocket.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/UriResourcePathUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/SdkHttpUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ReadLimitInfo.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/SystemDefaultDnsResolver.java
* /aws-java-sdk-core-1-12-469-sources-
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/log/JulLogFactory.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/NumberUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkSSLMetricsSocket.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/client/HttpClientFactory.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/JsonErrorUnmarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/ValidationUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/SdkConnectionKeepAliveStrategy.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkInternalMap.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/http/JsonErrorCodeParser.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/http/JsonErrorMessageParser.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/JsonErrorResponseHandler.java
* /aws-java-sdk-core-1-12-469-sources-
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/exception/HttpRequestTimeoutException.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/SdkThreadLocals.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/http/timers/client/ClientExecutionTimeoutException.java
*

```

/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/client/ClientExecutionTimer.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkThreadLocalsRegistry.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Base16Lower.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/client/NoOpClientExecutionAbortTrackerTask.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkInternalList.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/StackedRequestHandler.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/StringMapBuilder.java
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Found in path(s):

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/AsyncHandler.java

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Found in path(s):

```

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/MetricAdminMBean.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/ClassLoaderHelper.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/json/Jackson.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/jmx/spi/SdkMBeanRegistry.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/RequestClientOptions.java
*
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/ServiceClientHolderInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWSSessionCredentialsProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/jmx/spi/JmxInfoProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWSSessionCredentials.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/MetricAdmin.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/BasicSessionCredentials.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/jmx/JmxInfoProviderSupport.java
```

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```

Found in path(s):

- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/SignerConfigJsonHelper.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/Builder.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/JsonIndex.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/SignerConfig.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/Protocol.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/ImmutableMapParameter.java

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- * express or implied. See the License for the specific language governing
- * permissions and limitations under the License.
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Found in path(s):

- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/HttpClientConfig.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/ServiceEndpointBuilder.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/WebIdentityTokenCredentialsProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/Policy.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/CsmConfigurationProviderChain.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/AwsClientSideMonitoringMetrics.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/internal/BasicProfileConfigFileLoader.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/endpointdiscovery/EnvironmentVariableEndpointDiscoveryProvider.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/monitoring/internal/AsynchronousAgentDispatcher.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/HttpMethod.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/ServiceLatencyProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/ConditionFactory.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterParameters.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/SimpleMetricType.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/CsmConfigurationProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/PredefinedRetryPolicies.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterUnrecoverableException.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AbstractAWSSigner.java

- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/RuntimeHttpUtils.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ServiceNameFactory.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/HandlerBeforeAttemptContext.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/ProfileCsmConfigurationProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/PolicyReaderOptions.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/AcceptorPathMatcher.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterBuilder.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/actions/package-info.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWS4UnsignedPayloadSigner.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/ServiceMetricCollector.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/Signer.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/Presigner.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AnonymousAWSCredentials.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/cache/EndpointDiscoveryCacheLoader.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/NoneTlsKeyManagersProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/CountingInputStream.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/AWSServiceMetrics.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/ApiCallMonitoringEvent.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/RetryUtils.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/CRC32ChecksumCalculatingInputStream.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/SignerTypeAware.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/ProgressListenerChain.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/AbstractFileTlsKeyManagersProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/PollingStrategy.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/HttpSuccessStatusAcceptor.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/Response.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/SystemPropertyTlsKeyManagersProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/ByteThroughputProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/apache/Utils/HttpContextUtils.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/cache/CacheLoader.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/arn/ArnResource.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/ProgressEventType.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/TlsKeyManagersProvider.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/endpointdiscovery/AwsProfileEndpointDiscoveryProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/AWSRequestMetricsFullSupport.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryRefreshCache.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/EndpointDiscoveryConfig.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/internal/JsonDocumentFields.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/PropertiesCredentials.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/SimpleThroughputMetricType.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/AmazonWebServiceClient.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/RequestHandler.java

- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/ByteThroughputHelper.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/internal/JsonPolicyWriter.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterExecutionBuilder.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterHandler.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/IdentityEndpointBuilder.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/VoidJsonUnmarshaller.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/SimpleTypeStaxUnmarshallers.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/package-info.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/internal/RetryModeResolver.java
- *
- /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryIdentifiersRefreshCache.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/QueryStringSigner.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/endpointdiscovery/Constants.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/Resource.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/AmazonWebServiceResponse.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/DefaultErrorResponseHandler.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/monitoring/EnvironmentVariableCsmConfigurationProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/ClientConnectionFactory.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/RequestMetricType.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/Waiter.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterImpl.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/cache/KeyConverter.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/Principal.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/AmazonServiceException.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/PropertiesFileCredentialsProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/package-info.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryProviderChain.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/CredentialsRequestHandler.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/ProgressEvent.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/builder/AdvancedConfig.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/arn/AwsResource.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/FileStoreTlsKeyManagersProvider.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/StringUtils.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/ApiCallAttemptMonitoringEvent.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterTimedOutException.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/AWSRequestMetrics.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/BooleanCondition.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/DefaultRequest.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/SDKGlobalConfiguration.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWS3Signer.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/endpointdiscovery/SystemPropertyEndpointDiscoveryProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/NoOpWaiterHandler.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/MonitoringListener.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/RequestMetricCollector.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkPredicate.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ResponseMetadata.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/ResponseMetadataCache.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/SdkFunction.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/SignerFactory.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterState.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/arn/ArnConverter.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/endpointdiscovery/DaemonThreadFactory.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/HttpResponseHandler.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/MonitoringEvent.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/monitoring/SystemPropertyCsmConfigurationProvider.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/SdkPlainSocketFactory.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/internal/config/HostRegexToRegionMappingJsonHelper.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/StandardErrorUnmarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/InternalConfig.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/MaxAttemptsRetryStrategy.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/package-info.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/Request.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/impl/client/HttpRequestNoRetryHandler.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/endpointdiscovery/DefaultEndpointDiscoveryProviderChain.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/StringCondition.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/ServiceMetricType.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/AmazonWebServiceRequest.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/InternalConfigJsonHelper.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/HttpFailureStatusAcceptor.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterExecution.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/Marshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/HostRegexToRegionMapping.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/MetricFilterInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/MapEntry.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/Condition.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/RequestHandler2.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/Action.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/CollectionUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/DateCondition.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/JsonUnmarshallerContextImpl.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/config/HttpClientConfigJsonHelper.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/MetricInputStreamEntity.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/endpointdiscovery/EndpointDiscoveryProvider.java

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- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/NumericCondition.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/ApiMonitoringEvent.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/HandlerChainFactory.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/MetricCollector.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/internal/AuthRetryParameters.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/RequestHandler2Adaptor.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/ThroughputMetricType.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/internal/ServiceMetricTypeGuesser.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ApacheHttpClientConfig.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/arn/Arn.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/FixedDelayStrategy.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/impl/client/SdkHttpRequestRetryHandler.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/CompositeAcceptor.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/internal/AgentMonitoringListener.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/resources/package-info.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/BasicAWSCredentials.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/NoOpSigner.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/CsmConfiguration.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/RetryPolicy.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/internal/AuthErrorRetryStrategy.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/PollingStrategyContext.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/ProgressListener.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/RepeatableInputStreamRequestEntity.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/SimpleTypeJsonUnmarshallers.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/SimpleServiceMetricType.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/VersionInfoUtils.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/HttpResponse.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ProxyAuthenticationMethod.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/AmazonHttpClient.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/VoidStaxUnmarshaller.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/monitoring/DefaultCsmConfigurationProviderChain.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/JsonUnmarshallerContext.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/AwsSdkMetrics.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/apache/request/impl/HttpGetWithBody.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/HandlerAfterAttemptContext.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/monitoring/StaticCsmConfigurationProvider.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/internal/JsonPolicyReader.java
- *
- /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ClientConfiguration.java
- * /aws-java-sdk-core-1-12-469-sources-
- jar/com/amazonaws/monitoring/internal/ClientSideMonitoringRequestHandler.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/NamespaceRemovingInputStream.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/TimestampFormat.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/ClientConnectionRequestFactory.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/Wrapped.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/internal/MaxAttemptsResolver.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/cache/Cache.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/AbstractRequestHandler.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/XpathUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/IpAddressCondition.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/StaxResponseHandler.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/protocol/SdkHttpRequestExecutor.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/StaxUnmarshallerContext.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/waiters/WaiterAcceptor.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/SignerParams.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/Statement.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/StructuredJsonMarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/ArnCondition.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/DefaultServiceEndpointBuilder.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/metrics/MetricType.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/EnhancedJsonErrorUnmarshaller.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/Unmarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/XmlUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWSCredentials.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/SigningAlgorithm.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/AmazonClientException.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/SimpleTypeUnmarshallers.java

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/SignatureVersion.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/HttpMethodName.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/Unmarshaller.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/auth/DefaultSignerProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/MetadataCache.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/adapters/types/StringToByteBufferAdapter.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/adapters/types/StringToInputStreamAdapter.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/auth/SignerProviderContext.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/NullResponseMetadataCache.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/auth/NoOpSignerProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/auth/SignerProvider.java
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- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkCborGenerator.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkStructuredCborFactory.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/StructuredJsonGenerator.java
- *
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkStructuredPlainJsonFactory.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/JsonResponseHandler.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/http/ErrorCodeParser.java

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/http/CompositeErrorCodeParser.java

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/http/IonErrorCodeParser.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/ContainerCredentialsProvider.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/ConnectionUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/EC2ResourceFetcher.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/BaseCredentialsFetcher.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/InstanceMetadataServiceCredentialsFetcher.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/CredentialsEndpointProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryParameters.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/ContainerCredentialsFetcher.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/RetryMode.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/ExceptionUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/internal/CredentialsEndpointRetryPolicy.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/ContainerCredentialsRetryPolicy.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/TokenBucket.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/InstanceMetadataServiceResourceFetcher.java
*

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/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/EndpointPrefixAwareSigner.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/IdleConnectionReaper.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/AwsHostNameUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/ClasspathPropertiesFileCredentialsProvider.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/EnvironmentVariableCredentialsProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/EC2MetadataClient.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/HandlerContextAware.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/DynamoDBBackoffStrategy.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/SystemPropertiesCredentialsProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWSCredentialsProviderChain.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/CRC32MismatchException.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/DefaultAWSCredentialsProviderChain.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/CustomBackoffStrategy.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/OrRetryCondition.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/profile/path/AwsProfileFileLocationProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/AwsProfileRegionProvider.java
*
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/V2CompatibleBackoffStrategyAdapter.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/TimingInfoFullSupport.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/AbstractErrorUnmarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/SdkHttpMetadata.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/MarshallingInfo.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/JsonMarshallerContext.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonClientMetadata.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonProtocolMarshallerBuilder.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonContentTypeResolverImpl.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/StaticCredentialsProvider.java
*
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/request/HttpRequestFactory.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/TimingInfo.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/AwsSyncClientParams.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/AwsEnvVarOverrideRegionProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/presign/PresignerParams.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/TimingInfoUnmodifiable.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/RetryOnStatusCodeCondition.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/AwsRegionProviderChain.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/DefaultAwsRegionProviderChain.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/profile/path/cred/CredentialsDefaultLocationProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/RetryPolicyAdapter.java
*
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/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/builder/AwsClientBuilder.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWSStaticCredentialsProvider.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/SdkBaseException.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/RetryPolicy.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/AwsSystemPropertyRegionProvider.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/builder/AwsSyncClientBuilder.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/ProtocolRequestMarshaller.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonErrorShapeMetadata.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/ClientHandler.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonErrorResponseMetadata.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/MarshallingType.java
 *
 /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/EndpointToRegion.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/builder/AwsAsyncClientBuilder.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/presign/PresignerFacade.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/FixedDelayBackoffStrategy.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/ExecutionContext.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/EmptyBodyJsonMarshaller.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/MarshallerRegistry.java
 * /aws-java-sdk-core-1-12-469-sources-
 jar/com/amazonaws/profile/path/cred/CredentialsEnvVarOverrideLocationProvider.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/internal/AllProfiles.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/SdkClientException.java
 *
 /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/internal/BasicProfile.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/MaxNumberOfRetriesCondition.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/StaticSignerProvider.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/RetryCondition.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/InstanceMetadataRegionProvider.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/PredefinedBackoffStrategies.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/MarshallLocation.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkJsonGenerator.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/StringInputStream.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/ClientHandlerParams.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/OperationInfo.java
 *
 /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/HeaderMarshallers.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/RequestConfig.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonContentTypeResolver.java
 * /aws-java-sdk-core-1-12-469-sources-
 jar/com/amazonaws/profile/path/config/SharedConfigDefaultLocationProvider.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/profile/path/AwsDirectoryBasePathProvider.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/RetryOnExceptionsCondition.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/ValueToStringConverters.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/V2CompatibleBackoffStrategy.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/Protocol.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWSRefreshableSessionCredentials.java
 * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/AwsErrorResponseHandler.java

```

*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/response/AwsResponseHandlerAdapter.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/DefaultMarshallingType.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/ProtocolMarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/AmazonWebServiceResult.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/profile/path/AwsProfileFileLocationProviderChain.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/MapUnmarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkJsonMarshallerFactory.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/DefaultValueSupplier.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/client/SdkInterruptedException.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ClientConfigurationFactory.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/internal/AwsProfileNameLoader.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonOperationMetadata.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/ClientHandlerImpl.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/SimpleTypeJsonMarshallers.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/profile/path/cred/CredentialsLegacyConfigLocationProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkStructuredJsonFactoryImpl.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/QueryParamMarshallers.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/SdkClock.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/profile/path/config/ConfigEnvVarOverrideLocationProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/PathMarshallers.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/StructuredPojo.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/XMLWriter.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/SimpleRetryPolicy.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/auth/profile/internal/ProfileAssumeRoleCredentialsProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonContent.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/SimpleTypePathMarshallers.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/RetryPolicyContext.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/AmazonWebServiceRequestAdapter.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/auth/profile/internal/ProfileStaticCredentialsProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/ListUnmarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/AwsAsyncClientParams.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/AndRetryCondition.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/client/ClientExecutionParams.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/v2/BackoffStrategy.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/internal/JsonMarshaller.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/internal/ProfileKeyConstants.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkFunction.java
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- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/apache/request/impl/ApacheHttpRequestFactory.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/apache/utils/ApacheUtils.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/NameValuePair.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/URLEncodedUtils.java
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*/
```

```
/**  
* Interface for providing AWS credentials. Implementations are free to use any  
* strategy for providing AWS credentials, such as simply providing static  
* credentials that don't change, or more complicated implementations, such as  
* integrating with existing key management systems.  
*/
```

Found in path(s):

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWSCredentialsProvider.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/FakeIOException.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/http/apache/client/impl/ConnectionManagerAwareHttpClient.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/apache/client/impl/SdkHttpClient.java
*
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/ssl/ShouldClearSslSessionPredicate.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/log/InternalLogFactory.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/http/apache/client/impl/ApacheConnectionManagerFactory.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/handlers/IRequestHandler2.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/CapacityManager.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/IdempotentUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/CanHandleNullCredentials.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/timers/package-info.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkStructuredJsonFactory.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/DateTimeJsonSerializer.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/annotation/SdkProtectedApi.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/annotation/Beta.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/annotation/Immutable.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/annotation/NotThreadSafe.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/annotation/ThreadSafe.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/annotation/SdkTestInternalApi.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/annotation/SdkInternalApi.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/annotation/GuardedBy.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/RequestSigner.java

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/SignerAsRequestSigner.java

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ImmutableRequest.java

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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonParser.java

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/SimpleTypeJsonUnmarshallers.java

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/JsonFactory.java

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/**

* Interface for providing AWS region information. Implementations are free to use any strategy for

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*/

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- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/endpoint/RegionFromEndpointResolver.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/RegionFromEndpointResolverAwareSigner.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/endpoint/DefaultRegionFromEndpointResolver.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/MetadataSupportedRegionFromEndpointProvider.java

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- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Base16.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkFilterOutputStream.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Base32.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/IOUtils.java
- *
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/jmx/SdkMBeanRegistrySupport.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Throwables.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Base64Codec.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/ServiceAwareSigner.java
- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Base32Codec.java

```

* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkDigestInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/ResetException.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/MetricsInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/RegionUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/ListWithAutoConstructFlag.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/HttpClientWrappingInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/MetricAware.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/AbortedException.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/EncodingScheme.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/RegionMetadataParser.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/EC2MetadataUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/AbstractBase32Codec.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkBufferedInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Base16Codec.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Base64.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/jmx/MBeans.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkFilterInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/EncodingSchemeEnum.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/SdkRuntime.java
*
/ aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/Region.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/RegionAwareSigner.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/RegionMetadata.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/CodecUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/AWS4Signer.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/conn/ssl/TLSProtocol.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/internal/SignerKey.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/SyncProgressListener.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/internal/AWS4SignerRequestParams.java
*
/aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/auth/profile/internal/securitytoken/ProfileCredentialsService.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/auth/profile/internal/securitytoken/STSProfileCredentialsServiceProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/UnreliableTestConfig.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/package-info.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/auth/profile/internal/securitytoken/STSProfileCredentialsServiceLoader.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/ProgressInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/ProfilesConfigFileWriter.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/FIFOCache.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/ProgressEventFilter.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/request/Progress.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/internal/BasicProfileConfigLoader.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/BoundedLinkedHashMap.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/request/ProgressSupport.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/RequestProgressInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkSSLSocket.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/UnreliableFilterInputStream.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/auth/profile/internal/ProfileProcessCredentialsProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/LengthCheckInputStream.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/internal/Profile.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/internal/SignerConstants.java
*

```

```

/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/ProfilesConfigFile.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/internal/AWS4SignerUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/ProgressTracker.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/DelegateSSLSocket.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/ResponseProgressInputStream.java
* /aws-java-sdk-core-1-12-469-sources-
jar/com/amazonaws/auth/profile/internal/AbstractProfilesConfigFileScanner.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/Releasable.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/SdkSocket.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/event/DeliveryMode.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/internal/securitytoken/RoleInfo.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/profile/ProfileCredentialsProvider.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/auth/ProcessCredentialsProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/util/Platform.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/partitions/model/Service.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/InMemoryRegionsProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/RegionMetadataFactory.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkStructuredIonFactory.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/partitions/model/CredentialScope.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/partitions/model/Partition.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/AbstractRegionMetadataProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/partitions/model/Region.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/partitions/model/Endpoint.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/RegionImpl.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/LegacyRegionXmlMetadataBuilder.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/InMemoryRegionImpl.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/transform/SimpleTypeCborUnmarshallers.java
* /aws-java-sdk-core-1-12-469-sources-

```

jar/com/amazonaws/http/apache/client/impl/CRC32ChecksumResponseInterceptor.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/RegionMetadataProvider.java
*
/aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/protocol/json/SdkJsonGenerator.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/partitions/PartitionRegionImpl.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/partitions/PartitionMetadataProvider.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/regions/LegacyRegionXmlLoadUtils.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/partitions/PartitionsLoader.java
* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/http/apache/SdkProxyRoutePlanner.java
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* /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/internal/ResettableInputStream.java
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- * /aws-java-sdk-core-1-12-469-sources-jar/com/amazonaws/retry/ClockSkewAdjuster.java

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- * /micronaut-http-server-4-3-7-sources-jar/META-INF/native-image/io.micronaut/micronaut-http-server/native-image.properties

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- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/types/package-info.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/locale/RequestLocaleResolver.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/cors/package-info.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/types/files/FileCustomizableResponseType.java
- *
/micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/DefaultHttpHostResolver.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/codec/TextStreamCodec.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/locale/CompositeHttpLocaleResolver.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/cors/CorsUtil.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/binding/RequestArgumentSatisfier.java

```

* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/cors/CorsOriginConfiguration.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/locale/CookieLocaleResolver.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/binding/package-info.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/binding/BasicAuthArgumentBinder.java
*
/micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/JsonExceptionHandler.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/ServerStartupException.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/multipart/MultipartBody.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/HttpHostResolver.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/websocket/ServerWebSocketProcessor.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/codec/package-info.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/JacksonExceptionHandler.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/locale/package-info.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/types/CustomizableResponseType.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/locale/HttpLocaleResolver.java
*
/micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/types/files/SystemFile.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/binding/LocaleArgumentBinder.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/UnsatisfiedRouteHandler.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/ExceptionHandler.java
* /micronaut-http-server-4-3-7-sources-
jar/io/micronaut/http/server/util/locale/HttpLocaleResolutionConfiguration.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/URISyntaxHandler.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/ProxyHeaderParser.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/multipart/package-info.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/DefaultHttpClientAddressResolver.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/package-info.java
*
/micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/HttpServerConfiguration.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/package-info.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/locale/HttpAbstractLocaleResolver.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/HttpClientAddressResolver.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/UnsatisfiedArgumentHandler.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/ConversionErrorHandler.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/DuplicateRouteHandler.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/HttpServerException.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/types/files/package-info.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/ContentLengthExceededHandler.java
*
/micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/util/locale/HttpFixedLocaleResolver.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/InternalServerException.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/types/files/StreamedFile.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/package-info.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/HttpStatusHandler.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/cors/CorsOriginConverter.java
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```

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* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/cors/CorsFilter.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/BaseJsonExceptionHandler.java
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* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/cors/CrossOrigin.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/cors/CrossOriginUtil.java
* /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/RequestLifecycle.java
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- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/ExecutableRouteInfo.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/response/HateoasErrorResponseProcessor.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/response/ExecutionContext.java
- *
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/response/Error.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/response/DefaultExecutionContext.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/exceptions/response/ErrorResponseProcessor.java
- * /micronaut-http-server-4-3-7-sources-jar/io/micronaut/http/server/RouteExecutor.java

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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1.125 jersey-client 2.35

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1.126 guice-multibindings 4.2.2

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1.127 servlet-api 6.0.0

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- 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
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- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
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- 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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- jakartaee_9.xsd
- jakartaee_10.xsd
- jakarta_web-services_2_0.xsd
- jakarta_web-services_client_2_0.xsd
- jsp_3_0.xsd
- jsp_3_1.xsd
- web-app_5_0.xsd
- web-app_6_0.xsd
- web-commonn_5_0.xsd
- web-commonn_6_0.xsd
- web-fragment_5_0.xsd
- web-fragment_6_0.xsd
-
- web-jsptaglibrary_3_0.xsd
- web-jsptaglibrary_3_1.xsd

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1.128 annotations 4.1.1.4

1.128.1 Available under license :

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```

Found in path(s):

```

* /annotations-4-1-1-4-sources-jar/android/annotation/SuppressLint.java
* /annotations-4-1-1-4-sources-jar/android/annotation/TargetApi.java

```

1.129 javassist 3.29.2-GA

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```

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*/

```

Found in path(s):

```

* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ByteStream.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/Callback.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtConstructor.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/InnerClassesAttribute.java
*
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/Lex.java
* /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewClass.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/NewExpr.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeIterator.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewWrappedConstructor.java

```

- * /javassist-3-29-2-ga-sources-jar/javassist/expr/FieldAccess.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Loader.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/IntQueue.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Member.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPool.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LineNumberAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/BinExpr.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/StackMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Desc.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/SoftValueHashMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/web/Viewer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/BasicBlock.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/FactoryHelper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/Modifier.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Type.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/NestMembersAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ByteArrayClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/MemberCodeGen.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/NestHostAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/KeywordTable.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Expr.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Pair.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AccessFlag.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/Transformer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/HotSwapAgent.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ProceedHandler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtClassType.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/FieldInfo.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/ObjectNotFoundException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformNewClass.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Inner.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPoolTail.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFilePrinter.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/compiler/TypeChecker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformAfter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ConstantAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPool.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/DeprecatedAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/web/BadHttpRequest.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyFactory.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CastExpr.java

- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ASTree.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Frame.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtNewMethod.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypeData.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtPrimitiveType.java
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- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/MapMaker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/InstanceOfExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/SerializedProxy.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/ExprEditor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/Translator.java
- * /javassist-3-29-2-ga-sources-jar/javassist/LoaderClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Analyzer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformReadField.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Handler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolFactory.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/NoSuchClassError.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/BadBytecode.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Stmnt.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ByteArray.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Symbol.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformCall.java
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- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/AppletServer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/Parser.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/Proxy.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Keyword.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/NewArray.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CallExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CodeConverter.java
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- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformAccessArrayField.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/ObjectImporter.java
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- /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotReflectException.java
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- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/EnclosingMethodAttribute.java
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- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Compiler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObjectOutputStream.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Declarator.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CannotCompileException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/Tracer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtBehavior.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/IntConst.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/MethodCall.java

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* /javassist-3-29-2-ga-sources-jar/javassist/tools/framedump.java
*
/javassist-3-29-2-ga-sources-jar/javassist/util/proxy/DefinePackageHelper.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Subroutine.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/JvstCodeGen.java
* /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformBefore.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtMethod.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Visitor.java
* /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
* /javassist-3-29-2-ga-sources-jar/javassist/Loader.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/CodeGen.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/FramePrinter.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/StubGenerator.java
* /javassist-3-29-2-ga-sources-jar/javassist/runtime/DotClass.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeAttribute.java
*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/ConstPool.java
* /javassist-3-29-2-ga-sources-jar/javassist/SerialVersionUID.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/FieldDecl.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LongVector.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ExceptionsAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypedBlock.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/StackMapTable.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LocalVariableAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFileWriter.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ExceptionTable.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/RemoteRef.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/Proxy.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/Javac.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtMember.java
*
/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CondExpr.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewConstructor.java
* /javassist-3-29-2-ga-sources-jar/javassist/expr/ConstructorCall.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Executor.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/SyntaxError.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/SymbolTable.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/ClassMetaobject.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/Sample.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/Dump.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewWrappedMethod.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/MethodHandler.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObject.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/JvstTypeChecker.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/ControlFlow.java
*
/javassist-3-29-2-ga-sources-jar/javassist/NotFoundException.java
* /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolRepository.java

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- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SyntheticAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/AccessorMaker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Sample.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Metaobject.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/MethodFilter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Cflow.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/CompileError.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtClass.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotCreateException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Bytecode.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ASTList.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtArray.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypeTag.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/DefineClassHelper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/MultiType.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/MethodInfo.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFile.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AnnotationDefaultAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Instanceof.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/MethodDecl.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/AssignExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Mnemonic.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Util.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/NoFieldException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Cast.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/DuplicateMemberException.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Metalevel.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationImpl.java
- * /javassist-3-29-2-ga-sources-jar/javassist/URLClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Descriptor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/HotSwapper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/RemoteException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationsWriter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/MemberResolver.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LocalVariableTypeAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Expr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SourceFileAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformNew.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ArrayInit.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotInvokeException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/SecurityActions.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObjectInputStream.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/InstructionPrinter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/web/Webserver.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/StringL.java


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* /javassist-3-29-2-ga-sources-jar/javassist/compiler/TokenId.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Variable.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/RuntimeSupport.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AttributeInfo.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SignatureAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Reflection.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AnnotationsAttribute.java
*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/SubroutineScanner.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtField.java
* /javassist-3-29-2-ga-sources-jar/javassist/expr/NewExpr.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeAnalyzer.java
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```

```

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```

* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/FloatMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValue.java
*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/LongMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/CharMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ClassMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/Annotation.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ShortMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/StringMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/EnumMemberValue.java
*

```

/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationMemberValue.java

1.130 javaparser-core 3.25.8

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1.131 jackson-module-scala 2.16.0

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1.132 asm 7.1

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 - * /asm-7-1-sources-6-jar/org/objectweb/asm/signature/package.html
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- * /asm-7-1-sources-6-jar/org/objectweb/asm/Handler.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Frame.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Edge.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Type.java
- *
- /asm-7-1-sources-6-jar/org/objectweb/asm/MethodWriter.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/FieldVisitor.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Context.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/AnnotationVisitor.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/SymbolTable.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Symbol.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/ClassVisitor.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/MethodVisitor.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Handle.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Constants.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Label.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/ModuleVisitor.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/Attribute.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/signature/SignatureVisitor.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/TypePath.java
- * /asm-7-1-sources-6-jar/org/objectweb/asm/MethodTooLargeException.java
- *

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/asm-7-1-sources-6-jar/org/objectweb/asm/signature/SignatureWriter.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/ClassReader.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/ConstantDynamic.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/AnnotationWriter.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/signature/SignatureReader.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/FieldWriter.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/ModuleWriter.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/CurrentFrame.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/ClassTooLargeException.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/TypeReference.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/ByteVector.java
* /asm-7-1-sources-6-jar/org/objectweb/asm/Opcodes.java

```

1.133 resourcelocator 1.0.3

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* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/timestamps/Java8TimestampStrategy.java
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*
/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/ZipEntryUtil.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/IdentityNameMapper.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/FileSource.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/NameMapper.java
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1.139 zstd-jni 1.5.5-6

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Zstd-jni: JNI bindings to Zstd Library

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1.140 libc-utils 0.7.2-r5

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* @(#)queue.h 8.5 (Berkeley) 8/20/94
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1.141 gson 2.10.1

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Manifest-Version: 1.0

Created-By: 11.0.16.1 (Azul Systems, Inc.)

Build-Jdk-Spec: 11

Bnd-LastModified: 1673019830620

Bundle-ContactAddress: <https://github.com/google/gson>
Bundle-Description: Gson JSON library
Bundle-Developers: google;organization=Google;organizationUrl="https://www.google.com"
Bundle-DocURL: <https://github.com/google/gson/gson>
Bundle-License: "Apache-2.0";link="https://www.apache.org/licenses/LICENSE-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: Gson
Bundle-RequiredExecutionEnvironment: JavaSE-1.7, JavaSE-1.8
Bundle-SCM: url="https://github.com/google/gson/gson/",connection="scm:git:https://github.com/google/gson.git/gson",developer-connection="scm:git:git@github.com:google/gson.git/gson",tag="gson-parent-2.10.1"
Bundle-SymbolicName: com.google.gson
Bundle-Vendor: Google Gson Project
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Export-Package: com.google.gson;uses="com.google.gson.reflect,com.google.gson.stream";version="2.10.1",com.google.gson.annotations;version="2.10.1",com.google.gson.reflect;version="2.10.1",com.google.gson.stream;version="2.10.1"
Import-Package: sun.misc;resolution:=optional,com.google.gson.annotations
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-6.4.0.202211291949
Multi-Release: true

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* /gson-2-10-1-jar/META-INF/MANIFEST.MF

1.142 jackson-datatype-jsr310 2.16.0

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1.145 checker-qual 2.10.0

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1.146 micronaut-jackson-databind 4.3.7

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Found in path(s):

```
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/JacksonDatabindFeature.java
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```
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/codec/JacksonMediaTypeCodec.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/databind/JacksonDatabindMapper.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/ObjectMapperFactory.java
```

```
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/JsonNodeDeserializer.java
*
/micronaut-jackson-databind-4-3-7-sources-
jar/io/micronaut/jackson/databind/DatabindPropertyBinderExceptionHandler.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/JacksonConfiguration.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/JsonNodeSerializer.java
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```
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/package-info.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/ResourceSerializerModifier.java
* /micronaut-jackson-databind-4-3-7-sources-
jar/io/micronaut/jackson/serialize/ConvertibleMultiValuesSerializer.java
*
/micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/ConvertibleValuesSerializer.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/codec/JsonMediaTypeCodec.java
* /micronaut-jackson-databind-4-3-7-sources-
jar/io/micronaut/jackson/databind/convert/JacksonConverterRegistrar.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/OptionalValuesSerializer.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/ResourceDeserializerModifier.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/annotation/package-info.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/codec/JsonStreamMediaTypeCodec.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/modules/package-info.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/databind/convert/package-info.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/parser/JacksonProcessor.java
*
/micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/env/JsonPropertySourceLoader.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/ResourceModule.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/codec/package-info.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/serialize/JacksonObjectSerializer.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/codec/JacksonFeatures.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/modules/BeanIntrospectionModule.java
```

* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/package-info.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/annotation/JacksonFeatures.java
* /micronaut-jackson-databind-4-3-7-sources-jar/io/micronaut/jackson/databind/convert/ObjectNodeConvertibleValues.java

1.147 okhttp 4.9.3

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1.153 micronaut-reactor 3.2.1

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* /micronaut-reactor-3-2-1-sources-jar/io/micronaut/reactor/package-info.java

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* /micronaut-reactor-3-2-1-sources-jar/io/micronaut/reactor/config/ReactorConfiguration.java

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* /micronaut-reactor-3-2-1-sources-jar/io/micronaut/reactor/convert/ReactorToRxJava2ConverterRegistrar.java
* /micronaut-reactor-3-2-1-sources-jar/io/micronaut/reactor/convert/ReactorToRxJava3ConverterRegistrar.java
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```

* /micronaut-reactor-3-2-1-sources-jar/io/micronaut/reactor/convert/ReactorConverterRegistrar.java
* /micronaut-reactor-3-2-1-sources-jar/io/micronaut/reactor/instrument/ReactorAutomaticContextPropagation.java
* /micronaut-reactor-3-2-1-sources-jar/io/micronaut/reactor/instrument/ReactorInstrumentation.java

```

1.154 feign-form 3.8.0

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* /feign-form-3-8-0-sources-jar/META-INF/maven/io.github.openfeign.form/feign-form/pom.xml

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* /feign-form-3-8-0-sources-jar/feign/form/multipart/ManyFilesWriter.java

* /feign-form-3-8-0-sources-jar/feign/form/FormEncoder.java

* /feign-form-3-8-0-sources-jar/feign/form/FormProperty.java

* /feign-form-3-8-0-sources-jar/feign/form/util/PojoUtil.java

* /feign-form-3-8-0-sources-jar/feign/form/ContentProcessor.java

*

/feign-form-3-8-0-sources-jar/feign/form/multipart/SingleFileWriter.java

* /feign-form-3-8-0-sources-jar/feign/form/multipart/PojoWriter.java

* /feign-form-3-8-0-sources-jar/feign/form/util/CharsetUtil.java

* /feign-form-3-8-0-sources-jar/feign/form/multipart/SingleParameterWriter.java

* /feign-form-3-8-0-sources-jar/feign/form/multipart/DelegateWriter.java

* /feign-form-3-8-0-sources-jar/feign/form/multipart/FormDataReader.java

* /feign-form-3-8-0-sources-jar/feign/form/FormDataReader.java

* /feign-form-3-8-0-sources-jar/feign/form/multipart/ManyParametersWriter.java

```
* /feign-form-3-8-0-sources-jar/feign/form/multipart/Output.java
* /feign-form-3-8-0-sources-jar/feign/form/multipart/AbstractWriter.java
* /feign-form-3-8-0-sources-jar/feign/form/ContentType.java
* /feign-form-3-8-0-sources-jar/feign/form/MultipartFormContentProcessor.java
* /feign-form-3-8-0-sources-jar/feign/form/multipart/Writer.java
* /feign-form-3-8-0-sources-jar/feign/form/multipart/ByteArrayWriter.java
*
/feign-form-3-8-0-sources-jar/feign/form/UrlencodedFormContentProcessor.java
```

1.155 micronaut-inject-java 4.3.7

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```
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/AnnotationsElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaNativeElement.java
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* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/BeanDefinitionInjectProcessor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaAnnotationElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaBeanDefinitionBuilder.java
*
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaWildcardElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaGenericPlaceholderElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/ConfigurationMetadataProcessor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaMethodElement.java
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* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaEnumElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/JavaAnnotationMetadataBuilder.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/PostponeToNextRoundException.java
*
/micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaConstructorElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/AnnotationProcessingOutputVisitor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/AnnotationUtils.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/PackageConfigurationInjectProcessor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/PublicMethodVisitor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaFieldElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/package-info.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/PublicAbstractMethodVisitor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/ModelUtils.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/SuperclassAwareTypeVisitor.java
*
/micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/AggregatingTypeElementVisitorProcessor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/GenericUtils.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/package-info.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/TypeElementVisitorProcessor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaElementFactory.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/AbstractInjectAnnotationProcessor.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/AbstractJavaElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaVisitorContext.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/LoadedVisitor.java
*
/micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaEnumConstantElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaPackageElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaPropertyElement.java
* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaParameterElement.java
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* /micronaut-inject-java-4-3-7-sources-jar/io/micronaut/annotation/processing/visitor/JavaClassElement.java
* /micronaut-inject-java-4-3-7-sources-
jar/io/micronaut/annotation/processing/JavaElementAnnotationMetadataFactory.java

```

1.156 netty-transport-native-unix-common

4.1.109.Final

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* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_jni.h
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/UnixChannelUtil.java
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jar/io/netty/channel/unix/PreferredDirectByteBufferAllocator.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/Buffer.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_buffer.h
*
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_buffer.c
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* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/GenericUnixChannelOption.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/RawUnixChannelOption.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/IntegerUnixChannelOption.java
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* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/UnixChannel.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/ServerDomainSocketChannel.java
*
/netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_socket.h
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_filedescriptor.h
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_socket.c
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/Errors.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_errors.h
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_filedescriptor.c
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/DatagramSocketAddress.java
*
/netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/DomainSocketReadMode.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/Socket.java
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* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/package-info.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/IovArray.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/Unix.java
*
/netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java
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* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/SegmentedDatagramPacket.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/DomainDatagramChannelConfig.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/DomainDatagramPacket.java
*
/netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/DomainDatagramChannel.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/DomainDatagramSocketAddress.java
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* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/SocketWritableByteChannel.java
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/PeerCredentials.java
*
/netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_limits.c
* /netty-transport-native-unix-common-4-1-109-final-sources-
jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_util.c
* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_util.h

* /netty-transport-native-unix-common-4-1-109-final-sources-jar/io/netty/channel/unix/Limits.java

* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix_limits.h

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* /netty-transport-native-unix-common-4-1-109-final-sources-jar/netty_unix.h

1.157 netty-codec 4.1.109.Final

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* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java

- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
- *
- /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/string/package-info.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/ChannelByteBufferInput.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/EncoderException.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/ChannelByteBufferOutput.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
- *
- /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/CodecException.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/base64/package-info.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/Delimiters.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/package-info.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
- *
- /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DecoderResult.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
- *
- /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
- * /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java

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*
/netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
*
/netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
* /netty-codec-4-1-109-final-sources-
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DecoderException.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/xml/package-info.java
*
/netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
*
/netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
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* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZstdDecoder.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
* <b>lengthAdjustment</b> = <b>-2</b> (= 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>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* 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" |
* | 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
* <b>lengthAdjustment</b> = <b>2</b> (= 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
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= 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
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>
*
* 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

```

*/

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* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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Found in path(s):

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java

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* /netty-codec-4-1-109-final-sources-jar/META-INF/native-image/io.netty/netty-codec/native-image.properties

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*/
/**
* Utility class for {@link ByteBuffer} 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</a>.
*/

```

Found in path(s):

```

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/base64/Base64.java

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Found in path(s):

```

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
*
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DateFormatter.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ByteBufferChecksum.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java

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* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Lz4XXHash32.java

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Found in path(s):

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
*
/netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
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* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/EncoderUtil.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/SnappyOptions.java
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 */
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Found in path(s):

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
*

```

/netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
*
/netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /netty-codec-4-1-109-final-sources-
jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/json/package-info.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
*
/netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
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* /netty-codec-4-1-109-final-sources-jar/META-INF/maven/io.netty/netty-codec/pom.xml

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Found in path(s):

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/ValueConverter.java

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java

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* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/Headers.java

* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java

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Found in path(s):

```
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java
*
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/BrotliOptions.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZstdOptions.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/ZstdEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/CompressionOptions.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/BrotliEncoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Zstd.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/BrotliDecoder.java
* /netty-codec-4-1-109-final-sources-jar/io/netty/handler/codec/compression/Brotli.java
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* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
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*/

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1.158 dagger 2.4

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* /dagger-2-4-sources-jar/dagger/Reusable.java
* /dagger-2-4-sources-jar/dagger/internal/ProviderOfLazy.java
* /dagger-2-4-sources-jar/dagger/Binds.java
* /dagger-2-4-sources-jar/dagger/internal/Preconditions.java
* /dagger-2-4-sources-jar/dagger/internal/DoubleCheck.java
* /dagger-2-4-sources-jar/dagger/multibindings/ElementsIntoSet.java
*
* /dagger-2-4-sources-jar/dagger/multibindings/IntoMap.java
* /dagger-2-4-sources-jar/dagger/multibindings/package-info.java
* /dagger-2-4-sources-jar/dagger/multibindings/IntoSet.java
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* /dagger-2-4-sources-jar/dagger/package-info.java
* /dagger-2-4-sources-jar/dagger/multibindings/IntKey.java
* /dagger-2-4-sources-jar/dagger/multibindings/StringKey.java
* /dagger-2-4-sources-jar/dagger/multibindings/LongKey.java
* /dagger-2-4-sources-jar/dagger/internal/Beta.java
*
* /dagger-2-4-sources-jar/dagger/multibindings/ClassKey.java
* /dagger-2-4-sources-jar/dagger/Subcomponent.java
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```
* /dagger-2-4-sources-jar/dagger/internal/MembersInjectors.java
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- * /dagger-2-4-sources-jar/dagger/internal/DelegateFactory.java
- * /dagger-2-4-sources-jar/dagger/MapKey.java
- * /dagger-2-4-sources-jar/dagger/internal/MapFactory.java
- * /dagger-2-4-sources-jar/dagger/Component.java
- * /dagger-2-4-sources-jar/dagger/internal/InstanceFactory.java
- * /dagger-2-4-sources-jar/dagger/internal/SingleCheck.java
- *
- /dagger-2-4-sources-jar/dagger/internal/Factory.java
- * /dagger-2-4-sources-jar/dagger/internal/MapProviderFactory.java
- * /dagger-2-4-sources-jar/dagger/internal/Collections.java
- * /dagger-2-4-sources-jar/dagger/internal/SetFactory.java

1.159 jersey-bean-validation 2.37

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1.160 activation-api 1.2.2

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1.161 asm-commons 9.6

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```
* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/TableSwitchGenerator.java  
* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java  
* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/ModuleResolutionAttribute.java  
*  
/asm-commons-9-6-sources-jar/org/objectweb/asm/commons/ClassRemapper.java  
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* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/Method.java  
* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/ModuleTargetAttribute.java  
* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/RecordComponentRemapper.java  
*  
/asm-commons-9-6-sources-jar/org/objectweb/asm/commons/ModuleHashesAttribute.java  
* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/AdviceAdapter.java  
* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/StaticInitMerger.java
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* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/SignatureRemapper.java

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/**
 * Constructs a new {@link AnnotationRemapper}. <i>Subclasses must not use this constructor</i>.
 * Instead, they must use the {@link #AnnotationRemapper(int,String,AnnotationVisitor,Remapper)}
 * version.
 *
 * @param descriptor the descriptor of the
visited annotation. May be {@literal null}.
 * @param annotationVisitor the annotation visitor this remapper must delegate to.
 * @param remapper the remapper to use to remap the types in the visited annotation.
 */
```

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/**
 * Constructs a new {@link LocalVariablesSorter}. <i>Subclasses must not use this constructor</i>.
 * Instead, they must use the {@link #LocalVariablesSorter(int, int, String, MethodVisitor)}
 * version.
 *
 * @param access access flags of the adapted
method.
 * @param descriptor the method's descriptor (see {@link Type}).
 */
```

```

* @param methodVisitor the method visitor to which this adapter delegates calls.
* @throws IllegalStateException if a subclass calls this constructor.
*/

```

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/**
 * Constructs a new {@link SerialVersionUIDAdder}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #SerialVersionUIDAdder(int, ClassVisitor)}
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 *
 * @param classVisitor a {@link ClassVisitor} to which
 * this visitor will delegate calls.
 * @throws IllegalStateException If a subclass calls this constructor.
 */

```

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/**
 * Constructs a new {@link GeneratorAdapter}. Subclasses must not use this constructor.
 * Instead, they must use the {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * @param methodVisitor 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 descriptor the method's descriptor (see {@link Type}).
 * @throws IllegalStateException if a subclass calls this constructor.
 */
```

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* /asm-commons-9-6-sources-jar/org/objectweb/asm/commons/GeneratorAdapter.java

1.162 netty 4.1.109.Final

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Manifest-Version: 1.0
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0>
Bundle-SymbolicName: io.netty.all
Built-By: norman
Bnd-LastModified: 1713172065946
Specification-Title: Netty/All-in-One
Implementation-Vendor-Id: io.netty
Bundle-DocURL: <https://netty.io/>
Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;
version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional
Bundle-Name: Netty/All-in-One
Build-Jdk-Spec: 1.8
Implementation-Title: Netty/All-in-One
Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.
Automatic-Module-Name: io.netty.all
Implementation-Version: 4.1.109.Final
Specification-Vendor: The Netty Project
Bundle-ManifestVersion: 2
Bundle-Vendor: The Netty Project
Tool: Bnd-6.3.1.202206071316
Implementation-Vendor:
The Netty Project
Bundle-Version: 4.1.109.Final
Created-By: Apache Maven Bundle Plugin 5.1.8
Build-Jdk: 1.8.0_402
Specification-Version: 4.1
Implementation-URL: <https://netty.io/netty-all/>

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1.163 jersey-media-jaxb 2.37

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org.glassfish.jersey.server.internal.monitoring.core

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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), and has been in development since 2007.

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1.166 netty-codec-http 4.1.109.Final

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```
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java
```



```

*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpScheme.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/CookieUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/package-info.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/CombinedHttpHeaders.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/DefaultCookie.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/EmptyHttpHeaders.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cookie/Cookie.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/CookieUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspEncoder.java
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* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpHeadersFactory.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpDecoderConfig.java
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* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java
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Found in path(s):

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilter.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketDecoderConfig.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java

*

/netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/CorruptedWebSocketFrameException.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolConfig.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakerFactory.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandler.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandshakeHandler.java

* /netty-codec-http-4-1-109-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java

```

*
/netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilterProvider.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketCloseStatus.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java
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```

Found in path(s):

```

* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/ContinuationWebSocketFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpObject.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpContentCompressor.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpRequestDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpContentDecompressor.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/LastHttpContent.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultHttpRequest.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpRequest.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpConstants.java
*

```

```

/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpResponseEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryAttribute.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpObjectEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseStatuses.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpMethod.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/DiskAttribute.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultHttpContent.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpContent.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpHeaderDateFormat.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspVersions.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/MixedAttribute.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpContentDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultHttpHeaders.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpResponse.java
*
/netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker07.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketHandshakeException.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/package-info.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdySession.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultHttpObject.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpResponseDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/package-info.java
*

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/netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker08.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/QueryStringDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractDiskHttpData.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpServerCodec.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/package-info.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/FileUpload.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/QueryStringEncoder.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/CookieDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpClientCodec.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultCookie.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakerFactory.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostBodyUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaders.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpRequestEncoder.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/package-info.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpVersion.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpObjectDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/Cookie.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpResponseStatus.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/Attribute.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultHttpResponse.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpHeaders.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/InternalAttribute.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpMessage.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/HttpData.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultHttpMessage.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpObjectAggregator.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpContentEncoder.java
*

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/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspMethods.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java
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* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakeException.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/DeleteFileOnExitHook.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakeException.java
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```
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMixedHttpData.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/TooLongHttpLineException.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/TooLongHttpHeaderException.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValidationUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/TooLongHttpContentException.java
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Found in path(s):

```
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtension.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandshaker.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java
*
/netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionDecoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpHeadersEncoder.java
* /netty-codec-http-4-1-109-final-sources-
```

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jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.j
ava
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpHeaderNames.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketClientCompressionHandler.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/ClientCookieEncoder.java
*
/netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.
java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpStatusClass.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValues.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateDecoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpMessageUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/ServerCookieEncoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderValues.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderNames.java

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* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java
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* /netty-codec-http-4-1-109-final-sources-jar/META-INF/native-image/io.netty/netty-codec-http/native-image.properties
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* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/FullHttpResponse.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyRstStreamFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyStreamFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java
* /netty-codec-http-4-1-109-final-sources-

```

jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandshakeHandler.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyPingFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyDataFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdySettingsFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java
*
/netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySynReplyFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeadersFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionStatus.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdySynReplyFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeadersFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaders.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyCodecUtil.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyGoAwayFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionHandler.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java
*
/netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cors/package-info.java
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jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameDecoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java
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* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfigBuilder.java

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* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cors/CorsHandler.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfig.java
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* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/HttpServerExpectContinueHandler.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java
* /netty-codec-http-4-1-109-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketScheme.java
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```
* /netty-codec-http-4-1-109-final-sources-jar/META-INF/maven/io.netty/netty-codec-http/pom.xml
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* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java
* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameEncoder.java

```

* /netty-codec-http-4-1-109-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java

1.167 launchdarkly-java-server-sdk 6.2.1

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1.168 metrics-jvm 4.0.5

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1.169 protobuf-java 3.19.6

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Manifest-Version: 1.0

Automatic-Module-Name: com.google.protobuf

Bnd-LastModified: 1664485905970

Build-Jdk: 1.8.0_181-google-v7

Built-By: mkruskal

Bundle-Description: Core Protocol Buffers library. Protocol Buffers are a way of encoding structured data in an efficient yet extensible format.

Bundle-DocURL: <https://developers.google.com/protocol-buffers/>

Bundle-License: <https://opensource.org/licenses/BSD-3-Clause>

Bundle-ManifestVersion: 2

Bundle-Name: Protocol Buffers [Core]

Bundle-SymbolicName: com.google.protobuf

Bundle-Version: 3.19.6

Created-By: Apache Maven Bundle Plugin

Export-Package: com.google.protobuf;version="3.19.6"

Import-Package: sun.misc;resolution:=optional,com.google.protobuf;version="[3.19,4)"

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"

Tool: Bnd-3.0.0.201509101326

Found in path(s):

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- * /protobuf-java-3-19-6-jar/google/protobuf/struct.proto
- * /protobuf-java-3-19-6-jar/google/protobuf/wrappers.proto
- * /protobuf-java-3-19-6-jar/google/protobuf/type.proto
- * /protobuf-java-3-19-6-jar/google/protobuf/empty.proto
- *
- /protobuf-java-3-19-6-jar/google/protobuf/any.proto
- * /protobuf-java-3-19-6-jar/google/protobuf/descriptor.proto
- * /protobuf-java-3-19-6-jar/google/protobuf/duration.proto
- * /protobuf-java-3-19-6-jar/google/protobuf/field_mask.proto
- * /protobuf-java-3-19-6-jar/google/protobuf/compiler/plugin.proto
- * /protobuf-java-3-19-6-jar/google/protobuf/source_context.proto
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1.170 jmespath-java 1.12.666

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- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/OpGreaterThanOrEqualTo.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/ObjectMapperSingleton.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/NumericComparator.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathExpression.java
- *
- /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathSubExpression.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathProjection.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathFilter.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/OpLessThanOrEqualTo.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathEvaluationVisitor.java

- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathNotExpression.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathFunction.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathLengthFunction.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/OpGreaterThan.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathLiteral.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathFlatten.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathValueProjection.java
- *
- /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/CamelCaseUtils.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/InvalidTypeException.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathField.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/Comparator.java
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- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathVisitor.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathContainsFunction.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathIdentity.java
- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/OpNotEquals.java
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- * /jmespath-java-1-12-666-sources-jar/com/amazonaws/jmespath/JmesPathAndExpression.java

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Found in path(s):

- * /jmespath-java-1-12-666-sources-jar/META-INF/maven/com.amazonaws/jmespath-java/pom.xml

1.171 guava 32.1.2-jre

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1.172 libssl3 3.1.4-r6

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1.173 commons-lang3 3.12.0

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1.174 cloudevents-api 2.2.0

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Found in path(s):

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/rw/CloudEventContextReader.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/lang/Nullable.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/rw/CloudEventContextWriter.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/CloudEventExtensions.java

*

/cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/CloudEventAttributes.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/rw/CloudEventDataMapper.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/SpecVersion.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/types/Time.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/rw/CloudEventRWException.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/CloudEventExtension.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/rw/CloudEventReader.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/CloudEventContext.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/rw/CloudEventWriter.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/rw/CloudEventWriterFactory.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/CloudEvent.java

* /cloudevents-api-2-2-0-sources-1-jar/io/cloudevents/CloudEventData.java

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* /cloudevents-api-2-2-0-sources-1-jar/META-INF/maven/io.cloudevents/cloudevents-api/pom.xml

1.175 proto-google-common-protos 2.5.1

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 */
/**
 *
 *
 * <pre>
 * Early Access features are limited to a closed group of testers. To use
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 * agreement (which includes confidentiality provisions). These features may
 * be unstable, changed in backward-incompatible ways, and are not
 * guaranteed
 * to be released.
 * </pre>
 *
 * <code>EARLY_ACCESS = 1;</code>
 */
```

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* /proto-google-common-protos-2-5-1-sources-jar/com/google/api/LaunchStage.java

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Found in path(s):

- * /proto-google-common-protos-2-5-1-sources-jar/google/api/documentation.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/expr.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/cloud/audit/audit_log.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/client.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/metric.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/annotations.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/distribution.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/monitoring.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/endpoint.proto
- *
- /proto-google-common-protos-2-5-1-sources-jar/google/rpc/context/attribute_context.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/color.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/httpbody.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/decimal.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/geo/type/viewport.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/phone_number.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/control.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/localized_text.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/timeofday.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/logging/type/http_request.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/service.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/longrunning/operations.proto
- *
- /proto-google-common-protos-2-5-1-sources-jar/google/type/datetime.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/dayofweek.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/quaternion.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/interval.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/api/resource.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/postal_address.proto
- * /proto-google-common-protos-2-5-1-sources-jar/google/type/calendar_period.proto

```

* /proto-google-common-protos-2-5-1-sources-jar/google/type/date.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/rpc/code.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/label.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/type/fraction.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/type/month.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/error_reason.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/logging/type/log_severity.proto
*
* /proto-google-common-protos-2-5-1-sources-jar/google/api/field_behavior.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/monitored_resource.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/cloud/extended_operations.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/rpc/error_details.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/type/money.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/visibility.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/consumer.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/http.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/type/latlng.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/context.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/quota.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/usage.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/backend.proto
*
* /proto-google-common-protos-2-5-1-sources-jar/google/api/log.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/billing.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/rpc/status.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/system_parameter.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/auth.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/logging.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/source_info.proto
* /proto-google-common-protos-2-5-1-sources-jar/google/api/config_change.proto
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- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/UsageRuleOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/Reason.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/AuthRequirementOrBuilder.java
- *
- /proto-google-common-protos-2-5-1-sources-jar/com/google/api/SourceInfoProto.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/ControlOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/rpc/ErrorMessageOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/DistributionOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/cloud/audit/AuditLogOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/BackendRuleOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/VisibilityOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/HttpRule.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/ReasonProto.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/type/Color.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/longrunning/GetOperationRequestOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/HttpOrBuilder.java
- *
- /proto-google-common-protos-2-5-1-sources-jar/com/google/type/Interval.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/type/PostalAddressOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/cloud/audit/AuthorizationInfo.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/rpc/BadRequestOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/type/ExprOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/Distribution.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/type/PhoneNumber.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/cloud/audit/RequestMetadataOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/rpc/ErrorMessage.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/longrunning/CancelOperationRequest.java
- *
- /proto-google-common-protos-2-5-1-sources-jar/com/google/longrunning/ListOperationsResponseOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/rpc/ErrorDetailsProto.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/HttpBodyProto.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/MonitoredResourceDescriptor.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/cloud/OperationResponseMapping.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/ProjectProperties.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/cloud/audit/AuthenticationInfo.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/DocumentationRuleOrBuilder.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/type/Fraction.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/ChangeType.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/Endpoint.java
- *
- /proto-google-common-protos-2-5-1-sources-jar/com/google/api/BackendProto.java
- * /proto-google-common-protos-2-5-1-sources-jar/com/google/api/AuthenticationRule.java
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1.178 alpine-keys 2.4-r1

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1.179 jetty-util-ajax 9.4.54.v20240208

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

The following artifacts are EPL and CDDL 1.0.

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

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

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

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org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.180 micronaut-buffer-netty 4.3.7

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Found in path(s):

- * /micronaut-buffer-netty-4-3-7-sources-jar/io/micronaut/buffer/netty/NettyByteBufferFactory.java
- * /micronaut-buffer-netty-4-3-7-sources-jar/io/micronaut/buffer/netty/package-info.java
- * /micronaut-buffer-netty-4-3-7-sources-jar/io/micronaut/buffer/netty/NettyByteBuffer.java

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Found in path(s):

- * /micronaut-buffer-netty-4-3-7-sources-jar/io/micronaut/buffer/netty/ByteBufAllocatorConfiguration.java
- * /micronaut-buffer-netty-4-3-7-sources-jar/io/micronaut/buffer/netty/DefaultByteBufAllocatorConfiguration.java

1.181 micronaut-validation-processor 4.4.4

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1.187 httpasyncclient 4.1.4

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* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/constraints/InternalConstraintValidatorFactory.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/constraints/DefaultInternalConstraintValidatorFactory.java
*
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultBeanValidationContext.java
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- * /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/extractors/ValueExtractorDefinition.java
- * /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultConstraintViolation.java
- *
- * /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/ValidationAnnotationUtil.java
- * /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/annotation/ValidatedElement.java
- * /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/ValidationPath.java
- * /micronaut-validation-4-4-4-sources-
- jar/io/micronaut/validation/validator/constraints/InternalConstraintValidators.java
- * /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/extractors/InternalValueExtractors.java
- * /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultConstraintViolationBuilder.java
- * /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultConstraintValidatorContext.java

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- *

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/micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultClockProvider.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/IntrospectedBeanDescriptor.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultValidator.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultValidatorFactory.java
* /micronaut-validation-4-4-4-sources-
jar/io/micronaut/validation/validator/constraints/DefaultConstraintValidators.java
* /micronaut-validation-4-4-4-sources-
jar/io/micronaut/validation/validator/constraints/ConstraintValidatorContext.java
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jar/io/micronaut/validation/validator/messages/DefaultMessageInterpolator.java
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jar/io/micronaut/validation/validator/extractors/UnwrapByDefaultValueExtractor.java
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*
/micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/constraints/ConstraintValidator.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/Validator.java
* /micronaut-validation-4-4-4-sources-
jar/io/micronaut/validation/validator/resolver/CompositeTraversableResolver.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultConstraintDescriptor.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/constraints/DigitsValidator.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultValidatorConfiguration.java
* /micronaut-validation-4-4-4-sources-
jar/io/micronaut/validation/validator/constraints/AbstractPatternValidator.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/ValidatorConfiguration.java
* /micronaut-validation-4-4-4-sources-
jar/io/micronaut/validation/validator/constraints/ConstraintValidatorRegistry.java
*
/micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/ReactiveValidator.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/messages/DefaultMessages.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/ExecutableMethodValidator.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/DefaultAnnotatedElementValidator.java
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* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/extractors/ValueExtractorRegistry.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/exceptions/ConstraintExceptionHandler.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/package-info.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/constraints/DecimalMaxValidator.java
* /micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/validator/extractors/DefaultValueExtractors.java
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/micronaut-validation-4-4-4-sources-jar/io/micronaut/validation/Validated.java
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1.193 hk2-locator 2.6.1

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Any

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1.196 jersey-hk2 2.37

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1.198 archaius-core 0.7.6

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* /micronaut-jackson-core-4-3-7-sources-
```

jar/io/micronaut/jackson/core/env/CloudFoundryVcapServicesPropertySourceLoader.java

*

/micronaut-jackson-core-4-3-7-sources-jar/io/micronaut/jackson/core/env/EnvJsonPropertySourceLoader.java

* /micronaut-jackson-core-4-3-7-sources-

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* /micronaut-jackson-core-4-3-7-sources-jar/io/micronaut/jackson/core/tree/JsonNodeTreeCodec.java

* /micronaut-jackson-core-4-3-7-sources-jar/io/micronaut/jackson/core/tree/TreeGenerator.java

1.200 jcommander 1.82

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* /jcommander-1-82-sources-jar/com/beust/jcommander/validators/NoValueValidator.java
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* /jcommander-1-82-sources-jar/com/beust/jcommander/validators/NoValidator.java
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* /jcommander-1-82-sources-jar/com/beust/jcommander/IUsageFormatter.java
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- * /jcommander-1-82-sources-jar/com/beust/jcommander/converters/DoubleConverter.java
- *
- /jcommander-1-82-sources-jar/com/beust/jcommander/converters/StringConverter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/internal/Lists.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/converters/IntegerConverter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/ParameterDescription.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/converters/FloatConverter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/converters/PathConverter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/IDefaultProvider.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/IStringConverter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/internal/Maps.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/Parameter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/IStringConverterFactory.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/Parameters.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/defaultprovider/PropertyFileDefaultProvider.java
- *
- /jcommander-1-82-sources-jar/com/beust/jcommander/converters/BooleanConverter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/ParameterException.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/converters/NoConverter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/ResourceBundle.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/converters/FileConverter.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/MissingCommandException.java
- * /jcommander-1-82-sources-jar/com/beust/jcommander/converters/BaseConverter.java
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1.201 zip4j 2.11.5

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1.202 feign-hystrix 10.12

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 */
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Found in path(s):

```
* /feign-hystrix-10-12-sources-3-jar/feign/hystrix/FallbackFactory.java
* /feign-hystrix-10-12-sources-3-jar/feign/hystrix/SetterFactory.java
* /feign-hystrix-10-12-sources-3-jar/feign/hystrix/HystrixCapability.java
* /feign-hystrix-10-12-sources-3-jar/feign/hystrix/HystrixDelegatingContract.java
* /feign-hystrix-10-12-sources-3-jar/feign/hystrix/HystrixFeign.java
*
* /feign-hystrix-10-12-sources-3-jar/feign/hystrix/HystrixInvocationHandler.java
* /feign-hystrix-10-12-sources-3-jar/feign/hystrix/ObservableCompletableFuture.java
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-->

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* /feign-hystrix-10-12-sources-3-jar/META-INF/maven/io.github.openfeign/feign-hystrix/pom.xml

1.203 perfmark-api 0.26.0

1.203.1 Available under license :

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1.204 dropwizard-jackson 2.1.2

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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), and has been in development since 2007. It is currently developed by a community of developers.

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1.206 apk-tools 2.14.4-r0

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1.207 metrics-servlets 4.0.5

1.207.1 Available under license :

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1.208 jetty 9.4.54.v20240208

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Eclipse

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

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

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

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

Oracle OpenJDK

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

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

OW2

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

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

Apache

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

MortBay

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

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

Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.209 jakarta-annotation-api 2.1.1

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* /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/ChannelInitializerExtension.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/ChannelInitializerExtensions.java

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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/NioTask.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelConfig.java

*

/netty-transport-4-1-109-final-sources-jar/io/netty/channel/local/LocalServerChannel.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/DatagramPacket.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/EventLoopException.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/FileRegion.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelPromise.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultChannelConfig.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelPipelineException.java

*

/netty-transport-4-1-109-final-sources-jar/io/netty/channel/oio/AbstractOioMessageChannel.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/local/LocalChannel.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultChannelPipeline.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/EventLoop.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelHandlerContext.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/package-info.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/FixedRecvByteBufAllocator.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelInitializer.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultEventLoop.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/AbstractChannel.java

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 /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelPipeline.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/SingleThreadEventLoop.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/local/package-info.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/SocketChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/DefaultChannelGroupFuture.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/nio/package-info.java
 *
 /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelDuplexHandler.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelInboundHandler.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/ServerSocketChannelConfig.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/DatagramChannelConfig.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelFutureListener.java
 *
 /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelInboundHandlerAdapter.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/local/LocalAddress.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/package-info.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ServerChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/Bootstrap.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/CompleteChannelFuture.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelOption.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/AbstractNioChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
 *
 /netty-transport-4-1-109-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/oio/package-info.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannel.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/VoidChannelPromise.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/package-info.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/embedded/package-info.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/AbstractBootstrap.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java

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/netty-transport-4-1-109-final-sources-jar/io/netty/channel/package-info.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/ChannelGroupFuture.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/NioEventLoop.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultChannelPromise.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/package-info.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/ChannelGroupFutureListener.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/AbstractServerChannel.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/embedded/EmbeddedEventLoop.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
*
/netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelFuture.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelMetadata.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultEventLoopGroup.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/EventLoopGroup.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/MultithreadEventLoopGroup.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/Channel.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelException.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java
*
/netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/package-info.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/CombinedIterator.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/DatagramChannel.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/FailedChannelFuture.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultFileRegion.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
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* /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/SelectStrategy.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java

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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java
*
/netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/DuplexChannel.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/WriteBufferWaterMark.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/SelectStrategyFactory.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java
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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/SimpleUserEventChannelHandler.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/nio/NioChannelOption.java
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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java

*

/netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/package-info.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/ChannelPool.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java

* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java

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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelFactory.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java
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/netty-transport-4-1-109-final-sources-jar/io/netty/channel/AbstractEventLoop.java

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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/internal/package-info.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/FailedChannel.java
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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/PendingBytesTracker.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/internal/ChannelUtils.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
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- * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/EventLoopTaskQueueFactory.java
- * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java
- * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelHandlerMask.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:
 *
 * <ul>
 * <li>{@link
 * ChannelInboundHandler} to handle inbound I/O events, and</li>
 * <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
 * </ul>
 *
 * </p>
 *
 * <p>
 * Alternatively, the following adapter classes are provided for your convenience:
 *
 * <ul>
 * <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
 * <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>

```

```

* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </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}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 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}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </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}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else if (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 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}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </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.
*/

```

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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelHandler.java

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* /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/ChannelMatcher.java
 *
 /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultMessageSizeEstimator.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultChannelId.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelId.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
 *
 /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/AddressedEnvelope.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/MessageSizeEstimator.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/ChannelGroup.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
 * /netty-transport-4-1-109-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
 *
 /netty-transport-4-1-109-final-sources-jar/io/netty/channel/group/ChannelGroupException.java

1.212 jackson-datatype-jdk8 2.16.0

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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/Ciphers.java

```

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslProtocols.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslSessionId.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslContextOption.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslContextOption.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/BouncyCastle.java
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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java

*

/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/address/package-info.java

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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/package-info.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SniHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslUtils.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
```

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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/pcap/TCPpacket.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/pcap/IPPacket.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/pcap/package-info.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/pcap/EthernetPacket.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/pcap/PcapHeaders.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/pcap/UDPPacket.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/pcap/PcapWriteHandler.java
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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java
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Found in path(s):

```

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/stream/ChunkedInput.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/stream/package-info.java
*
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/package-info.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/package-info.java
*

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/netty-handler-4-1-109-final-sources-jar/io/netty/handler/logging/package-info.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/flow/package-info.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/PemValue.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/flush/package-info.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
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/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/BouncyCastlePemReader.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java
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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslClosedEngineException.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/logging/ByteBufFormat.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java
*
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilter.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java

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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/flow/FlowControlHandler.java

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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/traffic/package-info.java
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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/EnhancingX509ExtendedTrustManager.java

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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java

*

/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java

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* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java

* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java

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*
/netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /netty-handler-4-1-109-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java

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1.214 snake-yaml 2.0

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* /snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
* /snakeyaml-2-0-sources-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java

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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: <a href="http://www.source-code.biz/base64coder/java/">www.
 * source-code.biz/base64coder/java</a><br>
 * Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
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 */
```

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*/

Found in path(s):

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/Parser.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/ValueToken.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/StreamEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/AliasEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/ScalarEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/EmitterState.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/StreamStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CommentEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/AliasToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/Construct.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/Property.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/Production.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/Scanner.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/composer/ComposerException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/MappingNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/Emitable.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/DumperOptions.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/AnchorNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/Represent.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/Node.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/ReaderException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/Constant.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/NodeId.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/ParserImpl.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/ScalarToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/UnicodeReader.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/CollectionNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/ConstructorException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/Yaml.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/UnTrustedTagInspector.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/ParserException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/MarkedYAMLErrorException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/Representer.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/NodeTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TrustedTagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/Serializer.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/EmitterException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/FieldProperty.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentLine.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/LoaderOptions.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/CommentToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TrustedPrefixesTagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/SerializerException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/Mark.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/ArrayUtils.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/YAMLErrorException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/Emitter.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/MappingEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/ArrayStack.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/EnumUtils.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/TypeDescription.java

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/ScannerException.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/SequenceNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/Constructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/TagToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/Token.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/composer/Composer.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/Tag.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/NodeEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/StreamReader.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/internal/Logger.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/TagTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/MissingProperty.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/Event.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentType.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/GenericProperty.java

1.215 kafka-protobuf-provider 7.5.1

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

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It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<meta name="description" content="Home page of The Apache Software Foundation">
```

```
<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
```

```
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
```



```

<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

```

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-->

</head>

<body>

<!-- Navigation -->

<header>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

Toggle navigation


```

    <span class="icon-bar"></span>
  </button>
  <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
  <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;&nbsp;<a
href="/licenses/">Licenses</a></div>
  <ul class="nav navbar-nav navbar-right">
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
      <ul class="dropdown-menu"
role="menu">
        <li><a href="/foundation">Overview</a></li>
        <li><a href="/foundation/members.html">Members</a></li>
        <li><a href="/foundation/how-it-works.html">Process</a></li>
        <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
        <li><a href="/foundation/glossary.html">Glossary</a></li>
        <li><a href="/foundation/preFAQ.html">FAQ</a></li>
        <li><a href="/foundation/contact.html ">Contact</a></li>
      </ul>
    </li>
    <li><a href="/index.html#projects-list">Projects</a></li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="http://people.apache.org/">Overview</a></li>
        <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
        <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
        <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
        <li><a href="http://planet.apache.org/">Planet Apache</a></li>
      </ul>
    </li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="/foundation/getinvolved.html">Overview</a></li>
        <li><a href="http://community.apache.org/">Community Development</a></li>
        <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
        <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
      </ul>
    </li>
    <li><a href="/dyn/closer.cgi">Download</a></li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">

```

```

<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
  <li><a href="/foundation/contributing.html">Donations</a></li>
  <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
  <li><a href="/foundation/thanks.html">Thanks</a></li>
</ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
  <div class="col-md-9 col-sm-8 col-xs-12">
    
  </div>
  <div class="col-md-3 col-sm-4 col-xs-12">
    <div class="input-group" style="margin-bottom: 5px;">
      <script>
(function() {
  var cx = '005703438322411770421:5mgshgrgx2u';
  var gcse = document.createElement('script');
  gcse.type = 'text/javascript';
  gcse.async = true;
  gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
  var s = document.getElementsByTagName('script')[0];
  s.parentNode.insertBefore(gcse, s);
})();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
</div>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {

```

```

visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover >
.headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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```
</pre></div></div>
```

```
<!-- Footer -->
```

```
<footer class="bg-primary">
```

```
<div class="container">
```

```
<div class="row">
```

```
<br />
```

```
<div class="col-sm-1">
```

```
</div>
```

```
<div class="col-sm-2">
```

```
<h5 class="white">Community</h5>
```

```
<ul class="list-unstyled white" role="menu">
```

```
<li><a href="http://community.apache.org/">Overview</a></li>
```

```
<li><a href="/foundation/conferences.html">Conferences</a></li>
```

```
<li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
```

```
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
```

```
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
```

```
<li><a href="/travel/">Travel Assistance</a></li>
```

```
<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
```

```
<li><a href="http://community.apache.org/newbiefaq.html">Community  
FAQ</a></li>
```

```
</ul>
```

```
</div>
```

```
<div class="col-sm-2">
```

```
<h5 class="white">Innovation</h5>
```

```
<ul class="list-unstyled white" role="menu">
```

```
<li><a href="http://incubator.apache.org/">Incubator</a></li>
```

```
<li><a href="http://labs.apache.org/">Labs</a></li>
```

```
<li><a href="/licenses/">Licensing</a></li>
```

```
<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
```

```
<li><a href="/foundation/marks/">Trademark Policy</a></li>
```

```
<li><a href="/foundation/contact.html">Contacts</a></li>
```

```
</ul>
```

```
</div>
```

```
<div class="col-sm-2">
```

```
<h5 class="white">Tech Operations</h5>
```

```
<ul class="list-unstyled white" role="menu">
```

```
<li><a href="/dev/">Developer Information</a></li>
```

```
<li><a href="/dev/infrastructure.html">Infrastructure</a></li>
```

```
<li><a href="/security/">Security</a></li>
```

```
<li><a href="http://status.apache.org">Status</a></li>
```

```
<li><a href="/foundation/contact.html">Contacts</a></li>
```

```
</ul>
```

```
</div>
```



```

    </ul>
</div>

<div class="col-sm-2">
<h5 class="white">Press</h5>
    <ul class="list-unstyled white" role="menu">
<li><a href="/press/">Overview</a></li>
<li><a href="https://blogs.apache.org/">ASF News</a></li>
<li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
<li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
<li><a href="/press/#contact">Contacts</a></li>
    </ul>
</div>

<div class="col-sm-2">
<h5 class="white">Legal</h5>
    <ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a
href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
    </ul>
</div>

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
<div class="col-lg-12">
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    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
    </div>
</div>
</div>

</footer>

<!-- / Footer -->

```

```
<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>
```

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```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
```

```
<html><head>
```

```
<title>301 Moved Permanently</title>
```

```
</head><body>
```

```
<h1>Moved Permanently</h1>
```

```
<p>The document has moved <a href="https://opensource.org/licenses/mit-license.php">here</a>.</p>
```

```
</body></html>
```

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: schema-registry

Source: <https://github.com/confluentinc/schema-registry>

Files: *

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```
cd <SRC_PATH>
mvn package -DskipTests
mkdir /tmp/jars
mkdir /tmp/overrides
cp package-schema-registry/target/kafka-schema-registry-package-<VERSION>-package/share/java/schema-registry/*.jar /tmp/jars/
cp package-kafka-serde-tools/target/kafka-serde-tools-package-<VERSION>-package/share/java/kafka-serde-tools/*.jar /tmp/jars/
cd <LICENSE_TOOL_PATH>
./bin/run_license_job.bash -i /tmp/jars -l <SRC_PATH>/licenses -n <SRC_PATH>/notices -h <SRC_PATH>/licenses-and-notices.html -o /tmp/overrides
```

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
```

```
<title>Untitled Document</title>
```

```
</head>
```

```
<body>
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
```

```
<HTML>
```

```
<!-- @page { margin: 0.79in } P { margin-bottom: 0.08in } H1 { margin-top: 0in; margin-bottom: 0.17in; widows: 0; orphans: 0 } H1.western { font-family: "Times New Roman", serif; font-size: 12pt; font-weight: normal } H1.cjk { font-family: "Andale Sans UI"; font-size: 12pt; font-weight: normal } H1.ctl { font-family: "Tahoma"; font-size: 12pt; font-weight: normal } -->
```

```
<BODY DIR="LTR">
```

```
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```

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```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html lang="en-US">
```

```
<head>
```

```
<title>GlassFish Dual License Header and License Notice GPL v2 and CDDL</title>
```

```
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
```

```
<style type="text/css">
```

```
li {display: block;}
```

```
</style>
```

```
</head>
```

```
<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">
```

```
<h3>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0</h3>
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<ul>
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<li><p><b>1. Definitions.</b></p>
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<p>

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</p>

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</p>

<p>

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

</p>

<p>

One line to give the program's name and a brief idea of what it does.

</p>

<p>

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</p>

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59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

</p>

<p>

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

</p>

<p>

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

</p>

<p>

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.

</p>

<p>

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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.

</p>

<p>

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

</p>

<p>

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

</p>

<p>

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

</p>

<p>

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</p>

<li style="background-color:yellow;">

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</p>

</body>

</html>

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), 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.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="description" content="Home page of The Apache Software Foundation">

  <link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
  <link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
  <link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
  <link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
  <link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
  <link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
  <link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
  <link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
  <link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
  <link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
  <link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
  <link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
  <link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
  <link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
  <link rel="manifest" href="/favicons/manifest.json">
  <link rel="shortcut icon" href="/favicons/favicon.ico">
  <meta name="msapplication-TileColor" content="#603cba">
  <meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
  <meta name="msapplication-config" content="/favicons/browserconfig.xml">
  <meta name="theme-color" content="#303284">

  <title>Licenses</title>
  <link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
    rel='stylesheet' type='text/css'>
  <link href="/css/min.bootstrap.css" rel="stylesheet">
  <link href="/css/styles.css" rel="stylesheet">
```

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</head>

<body>

<!--

Navigation -->

<header>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

Toggle navigation

</button>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left">Home » Licenses</div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

About

<ul class="dropdown-menu" role="menu">

Overview

Members

Process

Sponsorship

Glossary

FAQ

Contact

Projects

<li class="dropdown">

People

<ul class="dropdown-menu" role="menu">

Overview

Committers

```

<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
</ul>
</li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
<div class="col-md-9 col-sm-8 col-xs-12">
  
</div>
<div class="col-md-3 col-sm-4 col-xs-12">
  <div class="input-group" style="margin-bottom: 5px;">
    <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];

```

```

    s.parentNode.insertBefore(gcse, s);
  })();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
</div>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover
> .elementid-permalink { visibility: visible }</style>
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<h1 id="distributions">Licensing of Distributions<a class="headerlink" href="#distributions" title="Permanent
link">&para;</a></h1>
<p>All software produced by The Apache Software Foundation or any of its
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of the documents
listed below.</p>
<h3 id="2.0">Apache License, Version 2.0 (current)<a class="headerlink" href="#2.0" title="Permanent
link">&para;</a></h3>
<p><a href="LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> (
<a href="LICENSE-2.0.txt">TXT</a> or <a href="LICENSE-2.0.html">HTML</a> )</p>
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goals of this license revision have been to reduce the number of frequently
asked questions, to allow the license to be reusable without modification

```

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The

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Please send only one document per email.

If you prefer to sign electronically, please fill the form, save it locally (e.g. icla.pdf), and sign the file by preparing a detached PGP signature. For example,

```
<blockquote>
```

```
<p>gpg --armor --detach-sign icla.pdf</p>
```

```
</blockquote>
```

The above will create

a file icla.pdf.asc. Send both the file and signature

as attachments in the same email to secretary@apache.org. Please send only one

document (file plus signature) per email. Please do not submit your public key to Apache.

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icla.pdf and icla.pdf.asc for individual agreements;

ccla.pdf and ccla.pdf.asc for corporate agreements;

software-grant.pdf and software-grant.pdf.asc for grants.

Export restrictions


```

<h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/dev/">Developer Information</a></li>
    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-2">
  <h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-2">
  <h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy
Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright © 1999-2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
  </div>

```

</div>

</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>

<script src="/js/bootstrap.js"></script>

</body>

</html>

This product currently only contains code developed by authors of specific components, as identified by the source code files; if such notes are missing files have been created by Tatu Saloranta.

For additional credits (generally to people who reported problems) see CREDITS file.

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Version 2.0, January 2004

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1.217 jcl-over-slf4j 2.0.12

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1.219 jackson-xc 2.16.0

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1.220 jersey-metainf-services 2.37

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1.221 error_prone_annotations 2.3.3

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* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/DoNotCall.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
*
/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/CheckReturnValue.java
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* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/NoAllocation.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
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* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/CompileTimeConstant.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/Immutable.java
*
/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/RequiredModifiers.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/Var.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/ForOverride.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
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* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/FormatMethod.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/MustBeClosed.java
* /error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/RestrictedApi.java
*
/error-prone-annotations-2-3-3-sources-jar/com/google/errorprone/annotations/FormatString.java

1.222 jopt-simple 5.0.4

1.223 zlib 1.3.1-r0

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1.224 micronaut-retry 4.3.7

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```
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/intercept/CircuitBreakerRetry.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/intercept/SimpleRetry.java
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* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/intercept/DefaultRetryInterceptor.java
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* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/event/RetryEventListener.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/event/RetryEvent.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/intercept/AnnotationRetryStateBuilder.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/exception/CircuitOpenException.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/annotation/package-info.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/intercept/RecoveryInterceptor.java
*
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/micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/annotation/Retryable.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/intercept/MutableRetryState.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/annotation/Recoverable.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/annotation/Fallback.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/annotation/CircuitBreaker.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/CircuitState.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/annotation/RetryPredicate.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/intercept/package-info.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/exception/RetryException.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/exception/package-info.java
* /micronaut-retry-4-3-7-sources-jar/io/micronaut/retry/exception/FallbackException.java

1.225 jetty-util 9.4.54.v20240208

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Eclipse

The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

- * javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api

- * javax.transaction:javax.transaction-api

- * javax.websocket:javax.websocket-api

Oracle OpenJDK

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

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.226 micronaut-http-server-netty 4.3.7

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```

Found in path(s):

```
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/StreamFileBodyWriter.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/body/ImmediateMultiObjectBody.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/MultiObjectBody.java
*
/micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/HttpBody.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/AbstractFileBodyWriter.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/SystemFileBodyWriter.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/ByteBody.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyCompletedFileUploadBinder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyStreamingFileUploadBinder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyBodyAnnotationBinder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyPublisherPartUploadBinder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/ssl/AbstractServerSslBuilder.java
*
/micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/StreamingByteBody.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/body/ImmediateSingleObjectBody.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyServerRequestBinderRegistry.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/InputStreamBodyWriter.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/body/StreamingMultiObjectBody.java
* /micronaut-http-server-netty-4-3-7-sources-
```

```

jar/io/micronaut/http/server/netty/binders/StreamedNettyRequestArgumentBinder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/PipeliningServerHandler.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/ManagedBody.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/FileBodyWriter.java
*
/micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/QuicTokenHandlerImpl.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/HttpBodyReused.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/body/ImmediateByteBody.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/handler/Compressor.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyRequestArgumentBinder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/handler/RequestHandler.java
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```

Found in path(s):

```

* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/LocalIpElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RemoteIpElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/jackson/JsonViewCodecResolver.java
*
/micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/BytesSentElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/multipart/NettyCompletedAttribute.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/ResponseCodeElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/multipart/NettyStreamingFileUpload.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/HttpContentProcessorResolver.java

```

```

* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/LocalPortElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/LogElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/AbstractHttpContentProcessor.java
*
/micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/CookieElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RequestMethodElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/jackson/JsonViewServerFilter.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/RoutingInBoundHandler.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/HttpCompressionStrategy.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/LocalIpElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/ChannelOutboundHandlerFactory.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/handler/package-info.java
*
/micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/jackson/package-info.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/CookiesElement.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/decoders/package-info.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/DateTimeElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/LocalPortElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RequestProtocolElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyInputStreamBodyBinder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/HeadersElement.java
*
/micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/DelegateHttpMessage.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/websocket/package-info.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/LocalHostElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/HttpContentProcessor.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RemoteHostElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyHttpRequest.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RequestUriElement.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyRequestArgumentSatisfier.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/multipart/NettyCompletedFileUpload.java
*

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/micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/DefaultHttpContentProcessor.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/ByteBufDelegate.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/AbstractHttpMessageLogElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/LocalHostElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/discovery/NettyEmbeddedServerInstance.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/HeaderElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/CookieElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/encoders/package-info.java
*
/micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/HeaderElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/converters/package-info.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/DelegateHttpResponse.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/multipart/MultipartBodyArgumentBinder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/multipart/NettyPartData.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/ResponseCodeElement.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/converters/NettyConverters.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/FormdataHttpContentProcessor.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/jackson/JsonContentProcessor.java
*
/micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyCompletableFutureBodyBinder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RequestProtocolElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/websocket/NettyServerWebSocketHandler.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/ConstantElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/websocket/NettyServerWebSocketUpgradeHandler.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RemoteHostElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/LogElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyPublisherBodyBinder.java
*
/micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/DefaultHttpContentProcessorResolver.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/jackson/JsonViewMediaTypeCodecFactory.java

```

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* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/HttpContentSubscriberFactory.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/BytesSentElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RequestLineElement.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/ssl/ServerSslBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/ElapseTimeElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/multipart/NettyFileUploadInputStream.java
*
/micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RequestUriElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/DelegateStreamedHttpResponse.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/jackson/JsonHttpContentSubscriberFactory.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/DefaultHttpCompressionStrategy.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RequestLineElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/IdentityWrapper.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/configuration/package-info.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/binders/package-info.java
*
/micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RequestMethodElement.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyHttpResponseFactory.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/ssl/package-info.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/AccessLogFormatParser.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/async/package-info.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/RemoteIpElementBuilder.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/package-info.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/DateTimeElement.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/ElapseTimeElementBuilder.java
*
/micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/multipart/package-info.java
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```

```

/*

```

```

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- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/DefaultNettyEmbeddedServerFactory.java
- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyEmbeddedServerFactory.java
- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyEmbeddedServer.java
- *
 - /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/HttpToHttpsRedirectHandler.java
- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/DelegateNettyEmbeddedServices.java
- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/handler/accesslog/element/NotImplementedElementBuilder.java
- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyEmbeddedServices.java

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- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/handler/accesslog/HttpAccessLogHandler.java
- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/HttpPipelineBuilder.java
- * /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyServerCustomizer.java
- *
 - /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/websocket/WebSocketUpgradeHandlerFactory.java

```

* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/handler/accesslog/element/AccessLog.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/ssl/SslEnabledCondition.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/converters/NettyConvertersSpi.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/binders/NettyPartUploadAnnotationBinder.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/CompositeNettyServerCustomizer.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/configuration/NettyHttpServerConfiguration.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyRequestLifecycle.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/ssl/SelfSignedSslBuilder.java
*
/micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/MicronautHttpData.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/ssl/BuildSelfSignedCondition.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/discovery/NettyServiceDiscovery.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/FormRouteCompleter.java
* /micronaut-http-server-netty-4-3-7-sources-jar/io/micronaut/http/server/netty/NettyHttpServer.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/HttpContentProcessorAsReactiveProcessor.java
* /micronaut-http-server-netty-4-3-7-sources-
jar/io/micronaut/http/server/netty/ssl/CertificateProvidedSslBuilder.java

```

1.227 jackson-jaxrs 2.16.0

1.227.1 Available under license :

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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), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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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.

1.228 micronaut-discovery-core 4.3.7

1.228.1 Available under license :

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```

Found in path(s):

```
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/package-info.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/registration/RegistrationException.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/ServiceInstance.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/DefaultCurrentHealthStatus.java
*
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/CompositeDiscoveryClient.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/StaticServiceInstanceList.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/HeartbeatTask.java
* /micronaut-discovery-core-4-3-7-sources-
jar/io/micronaut/discovery/metadata/ServiceInstanceMetadataContributor.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/event/package-info.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/registration/RegistrationConfiguration.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/event/ServiceReadyEvent.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/registration/AutoRegistration.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/ServiceInstanceIdGenerator.java
* /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/DefaultServiceInstanceIdGenerator.java
```


- *
- /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/event/ServiceStoppedEvent.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/exceptions/DiscoveryException.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/registration/package-info.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/cloud/digitalocean/DigitalOceanNetworkInterface.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/package-info.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/HeartbeatDiscoveryClientCondition.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/DefaultServiceInstance.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/cloud/NetworkInterface.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/DiscoveryClient.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/cloud/digitalocean/DigitalOceanInstanceMetadata.java
- *
- /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/CurrentHealthStatus.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/config/ConfigurationClient.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/exceptions/NoAvailableServiceException.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/cloud/digitalocean/DigitalOceanMetadataConfiguration.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/cloud/package-info.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/config/DefaultCompositeConfigurationClient.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/DiscoveryConfiguration.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/metadata/package-info.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/HeartbeatEvent.java
- *
- /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/ServiceInstanceList.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/cloud/ComputeInstanceMetadata.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/config/package-info.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/cloud/ComputeInstanceMetadataResolver.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/HealthStatus.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/cloud/ComputeInstanceMetadataResolverUtils.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/exceptions/package-info.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/HeartbeatConfiguration.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/cloud/digitalocean/DigitalOceanMetadataKeys.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/DefaultCompositeDiscoveryClient.java
- *
- /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/EmbeddedServerInstance.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/config/ConfigDiscoveryConfiguration.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/health/HeartbeatEnabled.java
- * /micronaut-discovery-core-4-3-7-sources-
- jar/io/micronaut/discovery/cloud/digitalocean/DigitalOceanMetadataResolver.java
- * /micronaut-discovery-core-4-3-7-sources-jar/io/micronaut/discovery/event/AbstractServiceInstanceEvent.java
- * /micronaut-discovery-core-4-3-7-sources-

1.229 alpine-baselayout-data 3.4.3-r2

1.229.1 Available under license :

```
# Automatically generated by apkbuild-cpan, template 3
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
pkgname=perl-bsd-resource
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgver=1.2911
pkgrel=9
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
buildidir="$srcdir/${_pkgreal}-${pkgver}"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL INSTALLDIRS=vendor
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

# Contributor: Dhruvin Gandhi <contact@dhruvin.dev>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
```

```

_pkgname=license-expression
pkgver=30.2.0
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir/${_pkgname}-${pkgver}"

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
7be7ebab1d980063ab846a228c5247570d0e23ed52f4362ef7d88eb7a59274e6f74653b4e9cff8225597693087d750c5
bf7fcf604440d8d3d2976ebcd7442c24
    license-expression-30.2.0.tar.gz
"

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The Kohonen neural network code for color optimization was written by Anthony Dekker.

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95

<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

Maintainer: Jakub Panek <me@panekj.dev>

pkgname=cargo-license

pkgver=0.5.1

pkgrel=4

pkgdesc="Cargo subcommand to see license of dependencies"

url="https://github.com/onur/cargo-license"

arch="all !s390x !riscv64" # rust

license="MIT"

makedepends="cargo cargo-auditable"

source="\$pkgname-\$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/\$pkgver/download"

```
prepare() {
```

```
    default_prepare
```

```
    cargo fetch --target="$CTARGET" --locked
```

```
}
```

```
build() {
```

```
    cargo auditable build --release --frozen
```

```
}
```

```
check() {
```

```
    cargo test --frozen
```

```
}
```

```
package() {
```

```
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
```

```
}
```

```
sha512sums=
```

```

4d8d430df91c6aac53d2305d3125eae492324e85c4db29d33d452b3848f33a55088e71247c6c72c6a62f4e924a374a
115bf14b4f398e7950b9eb52415f2244 cargo-license-0.5.1.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=1
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz"
options="!check" # no tests

build() {
    # some GNU autoconf options are ignored, but it works
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr \
        --sysconfdir=/etc \
        --mandir=/usr/share/man \
        --localstatedir=/var/lib # it really shouldn't be in /var
    make
}

package() {
    make DESTDIR="$pkgdir" install
    install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
    bsd-games-3.3.tar.gz
"

# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.22
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"

```

```

options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdft rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt; do
        local license=${i##*/}
        echo
        ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
b213fe66699770d75a4c994a01a5c08325751423516c2fb871088a47e7e7ce605736064f5ce3a63dc1d3c462271832db
7bc464ac968df1888f9823787964c786 license-list-data-3.22.tar.gz
"

Vintage Dreams Waves v 2.0. for Creative Labs' AWE Soundcards
(EMU Soundfont 2 Format)

```

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vintagedreamworks@hotmail.com

<http://www.geocities.com/SiliconValley/Campus/8645/index.html>

<http://members.nbci.com/silicon39/>

<http://www.mp3.com/silicon39>

<https://analoguesque.x10host.com/>

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WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Contributor: Fabian Affolter <fabian@affolter-engineering.ch>

Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>

pkgname=py3-flake8-copyright

_pkgname=flake8-copyright

pkgver=0.2.4

pkgrel=1

pkgdesc="Extension for flake8 which checks for copyrights"

options="!check" # No testsuite

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

license="MIT"

depends="py3-flake8 py3-setuptools"

subpackages="\$pkgname-pyc"

source="https://files.pythonhosted.org/packages/source/\${_pkgname:0:1}/\${_pkgname}/\${_pkgname}-\${pkgver}.tar.gz"

builddir="\$srcdir"/\$_pkgname-\$pkgver

```

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility

build() {
    python3 setup.py build
}

package() {
    python3 setup.py install --skip-build --root="$pkgdir"
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d flake8-copyright-0.2.4.tar.gz
"

# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2
"

builddir="$srcdir"/libart-lgpl-$pkgver

prepare() {
    update_config_sub
    default_prepare
}

build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}

package() {
    make DESTDIR="$pkgdir" install
}

```


sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
mini_sendmail - accept email on behalf of real sendmail

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1.230 bucket4j-core 4.4.1

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Found in path(s):

* /bucket4j-core-4-4-1-sources-jar/META-INF/maven/com.github.vladimir-bukhtoyarov/bucket4j-core/pom.xml

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```
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 */
```

Found in path(s):

```
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BucketState.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/IncompatibleConfigurationException.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/TryConsumeAndReturnRemainingTokensCommand.java
*
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Nothing.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BlockingBucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GridProxy.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/ProxyManager.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Bucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Extension.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/TimeMeter.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/LocalBucketBuilder.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/CreateSnapshotCommand.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/TryConsumeCommand.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/ReserveAndCalculateTimeToSleepCommand.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/CommandResult.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BucketListener.java
*
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/ConsumptionProbe.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/BucketNotFoundException.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/SimpleBucketListener.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/SynchronizationStrategy.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/LocalBucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/AbstractBucketBuilder.java
```

```

* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/AddTokensCommand.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/ConfigurationBuilder.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GridBucketState.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/AsyncBucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/AbstractBucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/EstimateAbilityToConsumeCommand.java
*
/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Bandwidth.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BucketConfiguration.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/ReplaceConfigurationOrReturnPreviousCommand.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Bucket4j.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/ConsumeAsMuchAsPossibleCommand.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GetAvailableTokensCommand.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GridBucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/FakeLock.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BlockingStrategy.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/AsyncScheduledBucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BucketExceptions.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/UninterruptibleBlockingStrategy.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/RecoveryStrategy.java
*
/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/SynchronizedBucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/EstimationProbe.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/LockFreeBucket.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GridCommand.java
* /bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Refill.java

```

1.231 zookeeper-jute 3.9.2

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*/

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* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/SimpleCharStream.java

* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/RccTokenManager.java

*

/zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/RccConstants.java

* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/rcc.jj

* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/TokenMgrError.java

* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/ParseException.java

* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/Rcc.java

* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/Token.java

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* /zookeeper-jute-3-9-2-sources-jar/META-INF/maven/org.apache.zookeeper/zookeeper-jute/pom.xml

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- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/DeleteTxn.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/data/Stat.java
- *
- /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/CreateResponse.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/MultiHeader.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/DeleteRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/data/StatPersisted.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetDataRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetSASLRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetDataRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/data/ClientInfo.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/WhoAmIResponse.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/ConnectRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetChildren2Request.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumPacket.java
- *
- /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/TxnHeader.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetChildrenRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/CreateTxnV0.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/RemoveWatchesRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/ErrorTxn.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/CreateTTLRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetDataResponse.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/ExistsResponse.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/CheckVersionTxn.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SyncRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/CheckVersionRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetMaxChildrenRequest.java
- *
- /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/ConnectResponse.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetWatches2.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetWatches.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetACLRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/SetACLTxn.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/data/ACL.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/CreateRequest.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenResponse.java
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/RequestHeader.java

```

* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetSASLResponse.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/ExistsRequest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SyncResponse.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetACLRequest.java
*
/zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/WatcherEvent.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/MultiTxn.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetEphemeralsRequest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/Create2Response.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetChildren2Response.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/AuthPacket.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetSASLRequest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/LearnerInfo.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetEphemeralsResponse.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/server/quorum/QuorumAuthPacket.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/CloseSessionTxn.java
*
/zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/TxnDigest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetACLResponse.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/server/persistence/FileHeader.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/CreateSessionTxn.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/CheckWatchesRequest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/CreateTTLTxn.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/ErrorResponse.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/SetACLResponse.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/AddWatchRequest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/ReplyHeader.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetChildrenResponse.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/CreateContainerTxn.java
*
/zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/CreateTxn.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetDataResponse.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/ReconfigRequest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenRequest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/Txn.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/SetMaxChildrenTxn.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/txn/SetDataTxn.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetAllChildrenNumberRequest.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/data/Id.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/zookeeper/proto/GetAllChildrenNumberResponse.java
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Found in path(s):

```

* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JCompType.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/Record.java
*
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JDouble.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JType.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/CGenerator.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/BinaryInputArchive.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JInt.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/CSharpGenerator.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JVector.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/Index.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JavaGenerator.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JFile.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/RecordReader.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JMap.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JString.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/CppGenerator.java
*
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/RecordWriter.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JFloat.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/Utils.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/OutputArchive.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JField.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JBuffer.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/ToStringOutputArchive.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JBoolean.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JLong.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JRecord.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/JByte.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/InputArchive.java
* /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/BinaryOutputArchive.java
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Found in path(s):

- * /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/generated/package.html
- * /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/compiler/package.html
- *
- /zookeeper-jute-3-9-2-sources-jar/org/apache/jute/package.html

1.232 guava 32.0.1-android

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Found in path(s):

- * /guava-32-0-1-android-sources-jar/com/google/common/base/Java8Compatibility.java
- * /guava-32-0-1-android-sources-jar/com/google/common/math/ToDoubleRounded.java
- * /guava-32-0-1-android-sources-jar/com/google/common/math/BigDecimalMath.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/OverflowAvoidingLockSupport.java
- *

/guava-32-0-1-android-sources-jar/com/google/common/io/Java8Compatibility.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/Java8Compatibility.java

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 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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 * limitations under the License.
 */
/**
 * Returns an array containing all of the elements in the specified collection. This method
 * returns the elements in the order they are returned by the collection's iterator. The returned
 * array is "safe" in that no references to it are maintained by the collection. The caller is
 * thus free to modify the returned
array.
 *
 * <p>This method assumes that the collection size doesn't change while the method is running.
 *
 * <p>TODO(kevinb): support concurrently modified collections?
 *
 * @param c the collection for which to return an array of elements
 */
```

Found in path(s):

* /guava-32-0-1-android-sources-jar/com/google/common/collect/ObjectArrays.java

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Found in path(s):

* /guava-32-0-1-android-sources-jar/com/google/common/collect/CompactHashing.java

* /guava-32-0-1-android-sources-jar/com/google/common/graph/IncidentEdgeSet.java

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*/

/**

* Not supported. You are attempting to create a map that may contain a non-{@code Comparable}

* key. Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy

* version.

*

* @throws UnsupportedOperationException always

* @deprecated Pass a key of type {@code Comparable}

to use {@link

* `ImmutableSortedMap#of(Comparable, Object)}`.

*/

Found in path(s):

* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java

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express
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* the License.

*/
/**

* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
* under GWT but with a slightly different signature.

*

* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler
wouldn't recognize

* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.

*/

Found in path(s):

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Partially.java

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Found in path(s):

* /guava-32-0-1-android-sources-jar/com/google/common/reflect/TypeToken.java

* /guava-32-0-1-android-sources-jar/com/google/common/io/PatternFilenameFilter.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ImmediateFuture.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Futures.java

*

/guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java

* /guava-32-0-1-android-sources-jar/com/google/common/annotations/VisibleForTesting.java

* /guava-32-0-1-android-sources-jar/com/google/common/escape/CharEscaper.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java

* /guava-32-0-1-android-sources-jar/com/google/common/escape/CharEscaperBuilder.java

```

* /guava-32-0-1-android-sources-jar/com/google/common/io/AppendableWriter.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/CollectionFuture.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
*
/guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AggregateFuture.java
* /guava-32-0-1-android-sources-
jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/TimeLimiter.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/FluentFuture.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/CaseFormat.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/TimeoutFuture.java
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*/
/**
* Holder for web specializations of methods of {@code Doubles}. Intended to be empty for regular
* version.
*/

```

```

Found in path(s):
* /guava-32-0-1-android-sources-jar/com/google/common/primitives/DoublesMethodsForWeb.java
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* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Runnables.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/VerifyException.java
* /guava-32-0-1-android-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
*
/guava-32-0-1-android-sources-jar/com/google/common/base/Utf8.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/TypeVisitor.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/CharSequenceReader.java
* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/HashingInputStream.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/FilteredMultimapValues.java
* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/Verify.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractTable.java
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* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/primitives/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/net/ElementTypesAreNonnullByDefault.java
*
/guava-32-0-1-android-sources-jar/com/google/common/math/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/ElementTypesAreNonnullByDefault.java

```

* /guava-32-0-1-android-sources-jar/com/google/common/primitives/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/xml/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/net/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/math/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/html/ElementTypesAreNonnullByDefault.java
*
/guava-32-0-1-android-sources-jar/com/google/common/html/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/escape/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/xml/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/escape/ElementTypesAreNonnullByDefault.java
*
/guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/ParametricNullness.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/ElementTypesAreNonnullByDefault.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/ElementTypesAreNonnullByDefault.java
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Found in path(s):

```

* /guava-32-0-1-android-sources-jar/com/google/common/graph/MutableGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/MutableNetwork.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/TopKSelector.java

```

```
* /guava-32-0-1-android-sources-jar/com/google/common/graph/Graph.java
*
/guava-32-0-1-android-sources-jar/com/google/common/graph/Network.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/SuccessorsFunction.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/Graphs.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/PredecessorsFunction.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ImmutableGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ImmutableNetwork.java
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* /guava-32-0-1-android-sources-jar/com/google/common/graph/package-info.java
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Found in path(s):

```
* /guava-32-0-1-android-sources-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
```

```

* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableSortedMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableTable.java
*
/guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableSetMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableEnumSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingTable.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ArrayTable.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/SingletonImmutableTable.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableAsList.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractIndexedListAdapter.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableList.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ComparisonChain.java
*
/guava-32-0-1-android-sources-jar/com/google/common/collect/DiscreteDomain.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ComputationException.java
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```

* /guava-32-0-1-android-sources-jar/com/google/common/base/CommonMatcher.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/JdkPattern.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/PatternCompiler.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/CommonPattern.java
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express
* or implied. See the License for the specific language governing permissions and limitations under
* the License.
*/
/**
* Holder for web specializations of methods of {@code Floats}. Intended to be empty for regular
* version.
*/

```

Found in path(s):

`/guava-32-0-1-android-sources-jar/com/google/common/primitives/FloatsMethodsForWeb.java`

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*/
/**
* This method was rewritten in Java from an intermediate step of the Murmur hash function in
* http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
* following header:
*
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*/

```

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`/guava-32-0-1-android-sources-jar/com/google/common/collect/Hashing.java`

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* /guava-32-0-1-android-sources-jar/com/google/common/net/InetAddresses.java
 * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Ints.java
 * /guava-32-0-1-android-sources-jar/com/google/common/io/MultiReader.java
 * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Longs.java
 * /guava-32-0-1-android-sources-jar/com/google/common/io/FileBackedOutputStream.java
 *
 /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ListenableFutureTask.java
 * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Booleans.java
 * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Floats.java
 * /guava-32-0-1-android-sources-jar/com/google/thirdparty/publicsuffix/TrieParser.java
 * /guava-32-0-1-android-sources-jar/com/google/common/base/Stopwatch.java
 * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Bytes.java
 * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Chars.java
 * /guava-32-0-1-android-sources-jar/com/google/common/collect/FluentIterable.java
 * /guava-32-0-1-android-sources-jar/com/google/common/base/Converter.java
 * /guava-32-0-1-android-sources-jar/com/google/common/base/Joiner.java
 * /guava-32-0-1-android-sources-jar/com/google/common/escape/Escaper.java
 * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Doubles.java
 *
 /guava-32-0-1-android-sources-jar/com/google/common/net/PercentEscaper.java
 * /guava-32-0-1-android-sources-jar/com/google/common/base/internal/Finalizer.java
 * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Shorts.java
 * /guava-32-0-1-android-sources-jar/com/google/common/base/CharMatcher.java
 * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/SequentialExecutor.java
 * /guava-32-0-1-android-sources-jar/com/google/common/escape/UnicodeEscaper.java
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* /guava-32-0-1-android-sources-jar/com/google/common/hash/AbstractHashFunction.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ForwardingCondition.java
* /guava-32-0-1-android-sources-jar/com/google/common/primitives/ImmutableLongArray.java
* /guava-32-0-1-android-sources-jar/com/google/common/primitives/ImmutableIntArray.java
*
/guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ForwardingLock.java
* /guava-32-0-1-android-sources-jar/com/google/common/primitives/ImmutableDoubleArray.java
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* /guava-32-0-1-android-sources-jar/com/google/common/cache/CacheBuilderSpec.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/BloomFilter.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/package-info.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/Enums.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractSortedMultiset.java
*
/guava-32-0-1-android-sources-jar/com/google/common/hash/Crc32HashFunction.java
* /guava-32-0-1-android-sources-jar/com/google/common/math/MathPreconditions.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableMultiset.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/Hashing.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/Types.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/Present.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/FunctionalEquivalence.java

- * /guava-32-0-1-android-sources-jar/com/google/common/primitives/ParseRequest.java
- * /guava-32-0-1-android-sources-jar/com/google/common/net/HttpHeaders.java
- * /guava-32-0-1-android-sources-jar/com/google/common/math/LongMath.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Optional.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/base/Absent.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/TreeRangeSet.java
- * /guava-32-0-1-android-sources-jar/com/google/common/hash/HashingOutputStream.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/RemovalListeners.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/ForwardingCache.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
- * /guava-32-0-1-android-sources-jar/com/google/common/net/MediaType.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/RemovalListener.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ExecutionError.java
- * /guava-32-0-1-android-sources-jar/com/google/common/primitives/UnsignedLong.java
- * /guava-32-0-1-android-sources-jar/com/google/common/hash/Murmur3_32HashFunction.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
- * /guava-32-0-1-android-sources-jar/com/google/common/hash/HashCode.java
- * /guava-32-0-1-android-sources-jar/com/google/common/math/DoubleUtils.java
- * /guava-32-0-1-android-sources-jar/com/google/common/math/DoubleMath.java
- * /guava-32-0-1-android-sources-jar/com/google/common/primitives/UnsignedInts.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/Weigher.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/BoundType.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Uninterruptibles.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/LoadingCache.java
- * /guava-32-0-1-android-sources-jar/com/google/common/primitives/UnsignedLongs.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/RemovalCause.java
- * /guava-32-0-1-android-sources-jar/com/google/common/reflect/TypeParameter.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/hash/Funnel.java
- * /guava-32-0-1-android-sources-jar/com/google/common/hash/AbstractHasher.java
- * /guava-32-0-1-android-sources-jar/com/google/common/math/package-info.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/Queues.java
- * /guava-32-0-1-android-sources-jar/com/google/common/hash/PrimitiveSink.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/AbstractCache.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/RemovalNotification.java
- * /guava-32-0-1-android-sources-jar/com/google/common/primitives/UnsignedInteger.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/ForwardingLoadingCache.java
- * /guava-32-0-1-android-sources-jar/com/google/common/cache/CacheStats.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/PairwiseEquivalence.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/FutureCallback.java
- * /guava-32-0-1-android-sources-jar/com/google/common/hash/HashFunction.java
- * /guava-32-0-1-android-sources-jar/com/google/common/hash/Murmur3_128HashFunction.java
- * /guava-32-0-1-android-sources-jar/com/google/common/math/IntMath.java

```

* /guava-32-0-1-android-sources-jar/com/google/common/base/Ticker.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AtomicLongMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/Hasher.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/Cache.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularContiguousSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/AbstractLoadingCache.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ForwardingExecutorService.java
*
/guava-32-0-1-android-sources-jar/com/google/common/hash/Funnels.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/AbstractStreamingHasher.java
* /guava-32-0-1-android-sources-jar/com/google/common/math/BigIntegerMath.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/CacheLoader.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/MessageDigestHashFunction.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/WrappingExecutorService.java
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* /guava-32-0-1-android-sources-jar/com/google/common/net/HostAndPort.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
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* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/package-info.java

```

- * /guava-32-0-1-android-sources-jar/com/google/common/io/Flushables.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/package-info.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/LittleEndianDataOutputStream.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/collect/HashBiMap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/FinalizablePhantomReference.java
- * /guava-32-0-1-android-sources-jar/com/google/common/eventbus/AllowConcurrentEvents.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/Files.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/MultiInputStream.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Function.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ListenableFuture.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/FinalizableWeakReference.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/LineBuffer.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/LineReader.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Throwables.java
- * /guava-32-0-1-android-sources-jar/com/google/common/eventbus/AsyncEventBus.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Predicates.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/base/FinalizableReference.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/Resources.java
- * /guava-32-0-1-android-sources-jar/com/google/common/eventbus/EventBus.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Predicate.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/EnumMultiset.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/LittleEndianDataInputStream.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/package-info.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/ByteStreams.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/CountingOutputStream.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/FinalizableSoftReference.java
- * /guava-32-0-1-android-sources-jar/com/google/common/primitives/Primitives.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Defaults.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ExecutionList.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/io/CountingInputStream.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/CharStreams.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Supplier.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/AbstractIterator.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Functions.java
- * /guava-32-0-1-android-sources-jar/com/google/common/eventbus/DeadEvent.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/TempFileCreator.java
- * /guava-32-0-1-android-sources-jar/com/google/common/io/Closeables.java
- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/DirectExecutor.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/Interners.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Charsets.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Objects.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AbstractFuture.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/Suppliers.java
- * /guava-32-0-1-android-sources-jar/com/google/common/base/FinalizableReferenceQueue.java

* /guava-32-0-1-android-sources-jar/com/google/common/base/Preconditions.java
* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/Subscribe.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/package-info.java
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 */
/*
 * This method was rewritten in Java from an intermediate step of the Murmur hash function in
 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
 * following header:
 *
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 */
```

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* /guava-32-0-1-android-sources-jar/com/google/common/primitives/Platform.java

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* /guava-32-0-1-android-sources-jar/com/google/common/base/Splitter.java

* /guava-32-0-1-android-sources-jar/com/google/common/io/ByteProcessor.java

* /guava-32-0-1-android-sources-jar/com/google/common/escape/ArrayBasedEscaperMap.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AbstractIdleService.java

*

/guava-32-0-1-android-sources-jar/com/google/common/primitives/SignedBytes.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ForwardingFuture.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java

* /guava-32-0-1-android-sources-jar/com/google/common/escape/ArrayBasedCharEscaper.java

* /guava-32-0-1-android-sources-jar/com/google/common/collect/SparseImmutableTable.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AbstractService.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java

* /guava-32-0-1-android-sources-jar/com/google/common/collect/Cut.java

* /guava-32-0-1-android-sources-jar/com/google/common/annotations/J2ktIncompatible.java

* /guava-32-0-1-android-sources-jar/com/google/common/collect/DenseImmutableTable.java

* /guava-32-0-1-android-sources-jar/com/google/common/escape/Escapers.java

* /guava-32-0-1-android-sources-jar/com/google/common/io/LineProcessor.java

*

/guava-32-0-1-android-sources-jar/com/google/common/annotations/GwtIncompatible.java

* /guava-32-0-1-android-sources-jar/com/google/common/cache/LocalCache.java

* /guava-32-0-1-android-sources-jar/com/google/common/collect/MapMakerInternalMap.java

* /guava-32-0-1-android-sources-jar/com/google/common/io/ByteArrayDataOutput.java

* /guava-32-0-1-android-sources-jar/com/google/common/xml/XmlEscapers.java

* /guava-32-0-1-android-sources-jar/com/google/common/cache/ReferenceEntry.java

* /guava-32-0-1-android-sources-jar/com/google/common/cache/CacheBuilder.java

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Service.java

* /guava-32-0-1-android-sources-jar/com/google/common/net/HostSpecifier.java

* /guava-32-0-1-android-sources-jar/com/google/common/primitives/UnsignedBytes.java


```

* /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableTable.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/ByteArrayDataInput.java
*
/guava-32-0-1-android-sources-jar/com/google/common/html/HtmlEscapers.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/Platform.java
* /guava-32-0-1-android-sources-jar/com/google/common/annotations/GwtCompatible.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/TypeResolver.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Callables.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/MapMaker.java
* /guava-32-0-1-android-sources-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /guava-32-0-1-android-sources-jar/com/google/common/net/UrlEscapers.java
* /guava-32-0-1-android-sources-jar/com/google/common/net/InternetDomainName.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/SettableFuture.java
*
/guava-32-0-1-android-sources-jar/com/google/common/escape/Platform.java
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```

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Monitor.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/Strings.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/Equivalence.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/SortedLists.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Atomics.java
*
/guava-32-0-1-android-sources-jar/com/google/common/base/Ascii.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /guava-32-0-1-android-sources-jar/com/google/common/net/package-info.java
* /guava-32-0-1-android-sources-jar/com/google/common/primitives/package-info.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /guava-32-0-1-android-sources-jar/com/google/common/annotations/package-info.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandler.java

```

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java

* /guava-32-0-1-android-sources-jar/com/google/common/annotations/Beta.java

* /guava-32-0-1-android-sources-jar/com/google/common/collect/ContiguousSet.java

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* /guava-32-0-1-android-sources-jar/com/google/common/reflect/IgnoreJRERequirement.java

* /guava-32-0-1-android-sources-jar/com/google/common/io/IgnoreJRERequirement.java

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* /guava-32-0-1-android-sources-jar/com/google/common/reflect/Reflection.java

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* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/NullnessCasts.java
 * /guava-32-0-1-android-sources-jar/com/google/common/base/NullnessCasts.java
 * /guava-32-0-1-android-sources-jar/com/google/common/collect/NullnessCasts.java

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* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/InterruptibleTask.java
 * /guava-32-0-1-android-sources-jar/com/google/common/io/ReaderInputStream.java
 * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AggregateFutureState.java
 * /guava-32-0-1-android-sources-jar/com/google/common/hash/LittleEndianByteArray.java
 *
 * /guava-32-0-1-android-sources-jar/com/google/common/collect/ConsumingQueueIterator.java
 * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/CombinedFuture.java
 * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Platform.java
 * /guava-32-0-1-android-sources-jar/com/google/common/hash/FarmHashFingerprint64.java
 * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AsyncCallable.java
 * /guava-32-0-1-android-sources-jar/com/google/common/hash/MacHashFunction.java

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```

* /guava-32-0-1-android-sources-jar/com/google/common/collect/SortedIterables.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/SortedIterable.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractRangeSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingSortedMultiset.java
*
/guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RangeSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/GeneralRange.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableSortedMultiset.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Count.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
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/**
* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
* version.
*/

```

Found in path(s):

```

* /guava-32-0-1-android-sources-jar/com/google/common/base/ExtraObjectsMethodsForWeb.java

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/*
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`/guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/MoreExecutors.java`

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- * /guava-32-0-1-android-sources-jar/com/google/common/collect/SetMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/LinkedListMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingIterator.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/collect/Multimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableSet.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/Multiset.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/NullsFirstOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingMapEntry.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/Iterators.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/LinkedHashMultiset.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractIterator.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ByFunctionOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/HashMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingSortedMap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableList.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/collect/package-info.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/HashMultiset.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/LexicographicalOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingObject.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ReverseNaturalOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/CompoundOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/UsingToStringOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingMap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/NullsLastOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/Multisets.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/MapDifference.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ListMultimap.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/collect/TreeMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingSortedSet.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ExplicitOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/TreeMultiset.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/Interner.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ReverseOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/Lists.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ArrayListMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractSetMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ComparatorOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableSet.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractMultiset.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ConcurrentHashMultiset.java
- *
- /guava-32-0-1-android-sources-jar/com/google/common/collect/Sets.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingQueue.java

```

* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingListIterator.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractListMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractMapBasedMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingCollection.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Multimaps.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/NaturalOrdering.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractMapEntry.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/EnumBiMap.java
*
/guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingMultiset.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/BiMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/LinkedHashMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/SortedSetMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Synchronized.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingConcurrentMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ClassToInstanceMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractSortedSetMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Ordering.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractBiMap.java
*
/guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingList.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/SingletonImmutableSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Iterables.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/EnumHashBiMap.java
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```

Found in path(s):

```

* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ServiceManagerBridge.java

```

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```

Found in path(s):

```
*/guava-32-0-1-android-sources-jar/com/google/common/graph/Traverser.java
*/guava-32-0-1-android-sources-jar/com/google/common/collect/ObjectCountLinkedHashMap.java
*/guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ClosingFuture.java
*/guava-32-0-1-android-sources-jar/com/google/common/collect/ObjectCountHashMap.java
*
```

```
*/guava-32-0-1-android-sources-jar/com/google/common/graph/AbstractBaseGraph.java
*/guava-32-0-1-android-sources-jar/com/google/common/graph/BaseGraph.java
```

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```

Found in path(s):

```
*/guava-32-0-1-android-sources-jar/com/google/common/reflect/TypeCapture.java
*/guava-32-0-1-android-sources-jar/com/google/common/hash/LongAddable.java
*/guava-32-0-1-android-sources-jar/com/google/common/io/BaseEncoding.java
*/guava-32-0-1-android-sources-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
```



```

*
/guava-32-0-1-android-sources-jar/com/google/common/math/PairedStats.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/ClassPath.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableRangeMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/TypeToInstanceMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/ChecksumHashFunction.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/LongAddables.java
* /guava-32-0-1-android-sources-jar/com/google/common/math/PairedStatsAccumulator.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/ByteSource.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/Invokable.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/FileWriteMode.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/AbstractByteHasher.java
* /guava-32-0-1-android-sources-jar/com/google/common/html/package-info.java
*
/guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ServiceManager.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/CharSink.java
* /guava-32-0-1-android-sources-jar/com/google/common/math/StatsAccumulator.java
* /guava-32-0-1-android-sources-jar/com/google/common/escape/package-info.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/CharSource.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /guava-32-0-1-android-sources-jar/com/google/common/math/LinearTransformation.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/LongAddable.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/LongAddables.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/CartesianList.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/SipHashFunction.java
*
/guava-32-0-1-android-sources-jar/com/google/common/collect/FilteredKeyMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/ByteSink.java
* /guava-32-0-1-android-sources-jar/com/google/common/io/Closer.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/package-info.java
* /guava-32-0-1-android-sources-jar/com/google/common/math/Stats.java
* /guava-32-0-1-android-sources-jar/com/google/common/base/StandardSystemProperty.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /guava-32-0-1-android-sources-jar/com/google/common/xml/package-info.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableRangeSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/reflect/Parameter.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/RateLimiter.java
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- * /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/CompactLinkedHashSet.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingDeque.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractNavigableMap.java

- *
- /guava-32-0-1-android-sources-jar/com/google/common/collect/AllEqualOrdering.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/FilteredKeySetMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/TransformedIterator.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/DescendingImmutableSortedSet.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableAsList.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/FilteredMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/FilteredKeyListMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/FilteredSetMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingNavigableMap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/TransformedListIterator.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingImmutableMap.java

- *
- /guava-32-0-1-android-sources-jar/com/google/common/collect/FilteredEntryMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/CompactHashMap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableEnumMap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingImmutableSet.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/TreeRangeMap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingImmutableList.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingNavigableSet.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/TreeTraverser.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/DescendingMultiset.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/CompactHashSet.java

- *
- /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/FilteredEntrySetMultimap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/SortedMultisetBridge.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/EvictingQueue.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/RangeMap.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingBlockingDeque.java
- * /guava-32-0-1-android-sources-jar/com/google/common/collect/CompactLinkedHashMap.java

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 */
```

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```
* /guava-32-0-1-android-sources-jar/com/google/common/hash/ImmutableSupplier.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ExecutionSequencer.java
```

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 */
```

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 *
 * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
 * java.util.HashMap
 * class.
 */
```

Found in path(s):

```
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/Striped.java
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```
* /guava-32-0-1-android-sources-jar/com/google/common/graph/EdgesConnecting.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/GraphConstants.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/StandardMutableNetwork.java
*
/guava-32-0-1-android-sources-
jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/EndpointPair.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ValueGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/MapRetrievalCache.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ForwardingGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ValueGraphBuilder.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/NetworkBuilder.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Comparators.java
* /guava-32-0-1-android-sources-
jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/AbstractValueGraph.java
*
/guava-32-0-1-android-sources-jar/com/google/common/graph/GraphBuilder.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/MultiEdgesConnecting.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/EndpointPairIterator.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ForwardingNetwork.java
* /guava-32-0-1-android-sources-
jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/AbstractGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ImmutableValueGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/DirectedGraphConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/StandardMutableValueGraph.java
```

```

* /guava-32-0-1-android-sources-jar/com/google/common/graph/GraphConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ElementOrder.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/AbstractGraphBuilder.java
*
/guava-32-0-1-android-sources-jar/com/google/common/graph/MutableValueGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/DirectedNetworkConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/StandardMutableGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/UndirectedGraphConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/AbstractNetwork.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/NetworkConnections.java
* /guava-32-0-1-android-sources-
jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/ForwardingValueGraph.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/MapIteratorCache.java
*
/guava-32-0-1-android-sources-jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/StandardNetwork.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/UndirectedNetworkConnections.java
* /guava-32-0-1-android-sources-jar/com/google/common/graph/StandardValueGraph.java
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Found in path(s):

```

* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableCollection.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableSortedSet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableBiMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/PeekingIterator.java
*
/guava-32-0-1-android-sources-jar/com/google/common/collect/Range.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RegularImmutableMap.java

```

```

* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableMultiset.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/TreeBasedTable.java
* /guava-32-0-1-android-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/UnmodifiableIterator.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/StandardTable.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableEntry.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/StandardRowSortedTable.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/HashBasedTable.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Platform.java
*
/guava-32-0-1-android-sources-jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableMapValues.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableBiMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Tables.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableMap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableMapEntrySet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Serialization.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableListMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Table.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/Collections2.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/CollectPreconditions.java
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express
* or implied. See the License for the specific language governing permissions and limitations under
* the License.
*/
/**
* Holder for web specializations of methods of {@code Ints}. Intended to be empty for regular
* version.
*/

```

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```

* /guava-32-0-1-android-sources-jar/com/google/common/primitives/IntsMethodsForWeb.java
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```

* /guava-32-0-1-android-sources-jar/com/google/common/collect/GwtTransient.java
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```

* /guava-32-0-1-android-sources-jar/com/google/common/collect/SortedMapDifference.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/MinMaxPriorityQueue.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingSetMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingListMultimap.java
*
* /guava-32-0-1-android-sources-jar/com/google/common/collect/UnmodifiableListIterator.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/AbstractSequentialIterator.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingSortedSetMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/ForwardingImmutableCollection.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/RowSortedTable.java
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Found in path(s):

```
* /guava-32-0-1-android-sources-jar/com/google/common/collect/BaseImmutableMultimap.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/IndexedImmutableSet.java
```

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```

Found in path(s):

```
* /guava-32-0-1-android-sources-jar/com/google/common/collect/SortedMultiset.java
* /guava-32-0-1-android-sources-jar/com/google/common/collect/SortedMultisets.java
```

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Found in path(s):

* /guava-32-0-1-android-sources-jar/com/google/common/base/MoreObjects.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/SubscriberRegistry.java
* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/Dispatcher.java
*
/guava-32-0-1-android-sources-jar/com/google/common/math/Quantiles.java
* /guava-32-0-1-android-sources-jar/com/google/common/eventbus/Subscriber.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/ListenerCallQueue.java
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* /guava-32-0-1-android-sources-jar/com/google/common/hash/Striped64.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/Striped64.java
* /guava-32-0-1-android-sources-jar/com/google/common/cache/LongAdder.java
* /guava-32-0-1-android-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java
* /guava-32-0-1-android-sources-jar/com/google/common/hash/LongAdder.java
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*/

/**

* Holder for web specializations of methods of {@code Shorts}. Intended to be empty for regular
* version.
*/

Found in path(s):

* /guava-32-0-1-android-sources-jar/com/google/common/primitives/ShortsMethodsForWeb.java

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* /guava-32-0-1-android-sources-jar/com/google/common/collect/MultimapBuilder.java

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Found in path(s):

* /guava-32-0-1-android-sources-jar/com/google/common/hash/package-info.java

1.233 aws-java-sdk-s3 1.12.469

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```
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/S3RequesterChargedHeaderHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3VersionResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectTaggingRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectTagging.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketAccelerateStatus.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3AccelerateUnsupported.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/ObjectTaggingXmlFactory.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectTaggingResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteObjectTaggingResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Tag.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteObjectTaggingRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/DeleteObjectTaggingHeaderHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetObjectTaggingResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectAclRequest.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetObjectTaggingRequest.java
```

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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ServerSideEncryptionByDefault.java

* /aws-java-sdk-s3-1-12-469-sources-

jar/com/amazonaws/services/s3/model/inventory/ServerSideEncryptionS3.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SseKmsEncryptedObjectsStatus.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ReplicaModifications.java

*

/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketEncryptionRequest.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SseKmsEncryptedObjects.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ExistingObjectReplicationStatus.java

* /aws-java-sdk-s3-1-12-469-sources-

jar/com/amazonaws/services/s3/model/inventory/ServerSideEncryptionKMS.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketEncryptionResult.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SourceSelectionCriteria.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ReplicaModificationsStatus.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteMarkerReplicationStatus.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EncryptionConfiguration.java

*

/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetBucketEncryptionResult.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteMarkerReplication.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ServerSideEncryptionRule.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteBucketEncryptionRequest.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryEncryption.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ExistingObjectReplication.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetBucketEncryptionRequest.java

* /aws-java-sdk-s3-1-12-469-sources-

jar/com/amazonaws/services/s3/model/ServerSideEncryptionConfiguration.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteBucketEncryptionResult.java

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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/event/S3EventNotification.java
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```

* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketVersioningConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListNextBatchOfObjectsRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/DownloadTaskImpl.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketLoggingConfigurationRequest.java
*
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketTaggingConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListNextBatchOfVersionsRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/DownloadCallable.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketReplicationConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/FileLocks.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketLifecycleConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketAccelerateConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-

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jar/com/amazonaws/services/s3/model/GetBucketCrossOriginConfigurationRequest.java

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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/EndpointParams.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/BucketConfigurationXmlFactory.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringStatus.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/OutpostResourceType.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3ArnUtils.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringAccessTier.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/XmlIntelligentTieringPredicateVisitor.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/IntermediateOutpostResource.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3OutpostAccessPointBuilder.java
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jar/com/amazonaws/services/s3/AmazonS3EncryptionClientV2ParamsWrapper.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionClientV2Params.java

* /aws-java-sdk-s3-1-12-469-sources-

jar/com/amazonaws/services/s3/AmazonS3EncryptionClientParamsWrapper.java

```

*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/KeyFilter.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionClientParams.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionClientV2Builder.java
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```

* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoModuleAESTrict.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/AesCtr.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionClientV2.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/ContentCryptoScheme.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoModule.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/S3ProgressPublisher.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/S3ObjectWrapper.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/transfer/internal/S3ProgressListenerChain.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/GCMCipherLite.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/CipherLite.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoModuleBase.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v1/MultipartUploadCbcContext.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/CipherLiteInputStream.java
*
/aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v2/MultipartUploadCryptoContext.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v1/ContentCryptoMaterial.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v1/CryptoModuleDispatcher.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/PauseStatus.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/AesGcm.java

```



```

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v2/S3CryptoModuleAE.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/S3KeyWrapScheme.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/CryptoRuntime.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v2/S3ObjectWrapper.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/AesCbc.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/AWSS3V4Signer.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoModuleAE.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/PersistableTransfer.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoScheme.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/exception/PauseException.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/PersistableUpload.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/S3CryptoModuleEO.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionClient.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v2/S3CryptoModuleBase.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v2/S3CryptoModule.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3EncryptionV2.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/S3ProgressListener.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/PersistableDownload.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3Encryption.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v1/MultipartUploadCryptoContext.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v2/S3CryptoModuleAESTrict.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/RenewableCipherLiteInputStream.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/DigestValidationInputStream.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v2/ContentCryptoMaterial.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CryptoMode.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/InternalKeyWrapAlgorithm.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CryptoKeyWrapAlgorithm.java
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/StaticEncryptionMaterialsProvider.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/iterable/S3Versions.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/Download.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/DownloadImpl.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/iterable/S3Objects.java

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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListBucketIntelligentTieringConfigurationsRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListBucketIntelligentTieringConfigurationsResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketIntelligentTieringConfigurationRequest.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketIntelligentTieringConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringFilterPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CryptoRangeGetMode.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringNaryOperator.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetBucketIntelligentTieringConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringFilter.java
* /aws-java-sdk-s3-1-12-469-sources-

```

jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringTagPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringPredicateVisitor.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/intelligenttiering/Tiering.java
*
/ aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketIntelligentTieringConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringAndOperator.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketIntelligentTieringConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketIntelligentTieringConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/intelligenttiering/IntelligentTieringPrefixPredicate.java
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Found in path(s):
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3Object.java
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- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/XmlWriterUtils.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventException.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/AbstractDownloadCallableConfig.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectLockConfigurationRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CompressionType.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEvent.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectLegalHoldResult.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ParquetInput.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/AbstractDownloadCallable.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PresignedUrlUploadRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventVisitor.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectRetentionRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectLockRetentionMode.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetObjectRetentionResult.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/ObjectLockConfigurationXmlFactory.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/JSONOutput.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectLockRetention.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetObjectRetentionRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectLockLegalHoldStatus.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/UploadObjectStrategy.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentEventStream.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/ObjectLockRetentionXmlFactory.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectLockEnabled.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/eventstreaming/MessageDecoder.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectLockLegalHold.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectLockConfigurationResult.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetObjectLockConfigurationResult.java

```

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectRetentionResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/JSONType.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/AbortableTransfer.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectLockRule.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectLockConfiguration.java
*
/ aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/transfer/internal/PresignUrlDownloadCallable.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/ObjectLockLegalHoldXmlFactory.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PresignedUrlUploadResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DefaultRetention.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PresignedUrlDownloadResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/SelectObjectContentEventUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PresignedUrlDownloadRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SelectObjectContentResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Progress.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/JSONInput.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectLegalHoldRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/transfer/internal/PresignedUrlDownloadImpl.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Stats.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectLockMode.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetObjectLockConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetObjectLegalHoldResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PresignedUrlDownloadConfig.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/PresignedUrlDownload.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetObjectLegalHoldRequest.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SelectRecordsInputStream.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/RequestProgress.java
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*/

/**

* Gets the optional `versionIdMarker` parameter indicating where in the
* sorted list of all versions in the specified bucket to begin returning
* results. Results are always ordered first lexicographically (i.e.
* alphabetically) and then from most recent version to least recent
* version.

* `<p>`

* A key marker must be specified when specifying a `versionIdMarker`.

* Results begin immediately after the version with the specified key and
* version ID.

* `</p>`

*

* @return The optional `versionIdMarker` parameter indicating where in the
* sorted list of all versions in the specified bucket to begin
* returning results.

*

* @see ListVersionsRequest#setVersionIdMarker(String)

* @see ListVersionsRequest#withVersionIdMarker(String)

*/

Found in path(s):

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListVersionsRequest.java

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* /aws-java-sdk-s3-1-12-469-sources-

jar/com/amazonaws/services/s3/model/ExpectedSourceBucketOwnerRequest.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ExpectedBucketOwnerRequest.java

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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/S3KeyFilterStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/TransferCompletionFilter.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/exception/FileLockException.java
*
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AbstractAmazonS3.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/LambdaConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/QueueConfigurationStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AbstractAmazonS3EncryptionV2.java
* /aws-java-sdk-s3-1-12-469-sources-

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jar/com/amazonaws/services/s3/model/SetBucketAccelerateConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/StatsStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ReplicationRuleStatus.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EventBridgeConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetObjectAclRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SSEAlgorithm.java
*
/ aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketReplicationConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketReplicationConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/FilterRule.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketReplicationConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ReplicationDestinationConfig.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/FilterRuleStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetS3AccountOwnerRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/HeadBucketResultHandler.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/ProgressStaxUnmarshaller.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/request/S3HandlerContextKeys.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/LambdaConfigurationStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/CompleteMultipartUploadRetryCondition.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketAccelerateConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/ServerSideEncryptionRuleStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ReplicationRule.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketNotificationConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/FilterStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/GetBucketPolicyStatusStaxUnmarshaller.java
*
/ aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/GetBucketEncryptionStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/HeadBucketResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/BucketNotificationConfigurationStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/CompleteMultipartUploadRetryablePredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/ServerSideEncryptionByDefaultStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Filter.java
* /aws-java-sdk-s3-1-12-469-sources-

```



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jar/com/amazonaws/services/s3/model/transform/NotificationConfigurationStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/TopicConfigurationStaxUnmarshaller.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/GetPublicAccessBlockStaxUnmarshaller.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3KeyFilter.java
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* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/AesGcmKeyWrapperProvider.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/keywrap/KeyWrapper.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/future/FailedFuture.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/KMSMaterialsHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/future/FutureImpl.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/future/CompositeFuture.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/RsaOaepKeyWrapper.java
* /aws-java-sdk-s3-1-12-469-sources-
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* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/KMSKeyWrapperContext.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v2/KMSMaterialsHandler.java
* /aws-java-sdk-s3-1-12-469-sources-
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* /aws-java-sdk-s3-1-12-469-sources-
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*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/future/CompletedFuture.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/KeyWrapperContext.java

```

```

* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/KeyWrapperProvider.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/KeyWrapAlgorithmResolver.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/keywrap/CipherProvider.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/keywrap/Mgf1Scheme.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/future/DelegatingFuture.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/AesGcmKeyWrapper.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/keywrap/KMSKeyWrapper.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/CryptoUtils.java
No license file was found, but licenses were detected in source scan.

```

```

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*/

```

Found in path(s):

```

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v2/SecuredCEK.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/SecuredCEK.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/v1/KMSecuredCEK.java
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```

```

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```

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 * on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
 * express or implied. See the License for the specific language governing
 * permissions and limitations under the License.
 */
 /**

* Interface for providing encryption materials.
 * Implementations are free to use any strategy for providing encryption
 * materials, such as simply providing static material that doesn't change,
 * or more complicated implementations, such as integrating with existing
 * key management systems.
 */

Found in path(s):

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EncryptionMaterialsProvider.java
 No license file was found, but licenses were detected in source scan.

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 * express or implied. See the License for the specific language governing
 * permissions and limitations under the License.
 */

Found in path(s):

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/PreparedDownloadContext.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/ObjectCannedAclProvider.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3AccessPointBuilder.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/DownloadS3ObjectCallable.java
 *
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ScanRange.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3ObjectLambdasResource.java
 No license file was found, but licenses were detected in source scan.

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- * on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
- * express or implied. See the License for the specific language governing
- * permissions and limitations under the License.
- */

Found in path(s):

- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/WriteGetObjectResponseRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/WriteGetObjectResponseResult.java
- * /aws-java-sdk-s3-1-12-469-sources-
- jar/com/amazonaws/services/s3/model/transform/EventBridgeConfigurationStaxUnmarshaller.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3ObjectLambdaEndpointBuilder.java
- * /aws-java-sdk-s3-1-12-469-sources-
- jar/com/amazonaws/services/s3/internal/S3ObjectLambdaOperationEndpointBuilder.java

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

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 * on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
 * express or implied. See the License for the specific language governing
 * permissions and limitations under the License.
 */

/**
 * Synchronous client for accessing Amazon S3.
 *
 * <h1>Appendix: Amazon S3 client-side encryption meta information</h1>
 *
 * <h2>Introduction</h2>
 *
 * <p>
 * This appendix summarizes the current crypto related meta information
 * associated with an S3 object encrypted using SDK client-side encryption. In
 * SDK's terminology, these meta

```

information are classified as "user metadata".

- * In general, the meta information is just a map of key/value pairs. Physically
- * they are persisted either as metadata of the encrypted S3 object, or as a
- * separate S3 object called an "instruction file" (which is just a JSON file in
- * plaintext.) For all references to the Cipher Algorithm Names, Modes, and Padding,
- * such as `"AES/GCM/NoPadding"`, please refer to Oracle's <http://docs.oracle.com/javase/7/docs/technotes/guides/security/StandardNames.html>
- * [Java™ Cryptography Architecture Standard Algorithm Name Documentation](http://docs.oracle.com/javase/7/docs/technotes/guides/security/StandardNames.html)
- * for more details.

*

* `<h2>S3 metadata vs instruction file</h2>`

* `<p>`

- * Note when a key/value pair is stored as "user metadata" as part of the S3
- * metadata, the SDK always adds an additional prefix of `<b>x-amz-meta-</b>` to
- * the key name. In contrast, the SDK doesn't add any prefix when the key names
- * are stored in an instruction file. (The reason has to do with
- how the http
- * headers are handled.)

* `<p>`

- * For example, `<b>x-amz-key</b>` would get stored as `<b>x-amz-meta-x-amz-key</b>`
- * in S3 metadata. In contrast, `<b>x-amz-key</b>` would simply be stored as is
- * (ie without the prefix) in an instruction file. All the keys described below
- * are considered "user metadata" by the SDK.

*

* `<h2>S3 1st gen crypto meta information</h2>`

* `<p>`

- * For non-KMS client side encryption, this crypto meta information is used
- * to support the "Encryption Only" crypto mode (which involves the use of
- * `<code>AES/CBC/PKCS5Padding</code>` for content encryption, and
- * `<code>AES/ECB</code>` for encrypting the one-time randomly generated data
- * key). For KMS client-side encryption, the 2nd gen crypto meta information is used.

* `<h3>Scope</h3>`

- * This metadata can only be generated when encrypting using the V1 encryption client,
- * `{@link com.amazonaws.services.s3.AmazonS3EncryptionClient}`, but can be interpreted (decrypted) by
- * `{@link com.amazonaws.services.s3.AmazonS3EncryptionClientV2}`.
- * The format is also known as v1 metadata, but because there are now v1 and v2 clients,
- * the term v1 metadata is confusing.

* `<p>`

* `<b>Encryption:</b> {@link com.amazonaws.services.s3.AmazonS3EncryptionClient}`, crypto mode
EncryptionOnly`<br>`

* `<b>Decryption:</b> {@link com.amazonaws.services.s3.AmazonS3EncryptionClient}`, crypto mode
EncryptionOnly or

* `{@link com.amazonaws.services.s3.AmazonS3EncryptionClientV2}`, crypto mode AuthenticationOnly

* `<p>`

* `<h3>Metadata</h3>`

* `<table border=1>`

* `<tr aligned="left">`

* `<th>key</th>`

```

* <th>description</th>
* </tr>
* <tr>
* <td width="200"><b>x-amz-key</b></td>
* <td>Content encrypting key (cek) in encrypted form, base64 encoded. The cek
* is randomly generated per S3 object, and is always an AES 256-bit key. The
* corresponding cipher is always "AES/CBC/PKCS5Padding".</td>
* </tr>
* <tr>
* <td><b>x-amz-iv</b></td>
* <td>Randomly generated IV (per S3 object), base64 encoded</td>
* </tr>
* <tr>
* <td><b>x-amz-matdesc </b></td>
* <td>Customer provided material description in JSON (UTF8) format. Used to
* identify the client-side master key (ie used to encrypt/wrap the generated
* content encrypting key).</td>
* </tr>
* <tr>
* <td><b>x-amz-unencrypted-content-length</b></td>
* <td>Unencrypted content length (optional but should be specified whenever
* possible).</td>
* </tr>
* </table>
* <p>
* <h2>S3 2nd gen crypto meta information</h2>
* <p>
* This crypto meta information is used to support both authenticated
* encryption (which involves the use of <code>AES/GCM/NoPadding</code> for
* content encryption, and key wrapping for the one-time randomly generated data
* key), and KMS client-side encryption (which can either be encryption-only or
* authenticated encryption).
* <h3>Scope</h3>
* 2nd gen metadata can be generated/encrypted by both the V1 and V2 encryption clients.
* The format is also known as v2 metadata, but this is confusing since the
* V1 client also generates
* 2nd gen metadata in the AuthenticatedEncryption and StrictAuthenticatedEncryption modes.
* <p>
* <b>Encryption:</b> {<a href="https://docs.aws.amazon.com/AmazonS3/latest/API/RESTfulEncryptionClient.html">@link com.amazonaws.services.s3.AmazonS3EncryptionClient</a>}/
* {<a href="https://docs.aws.amazon.com/AmazonS3/latest/API/RESTfulEncryptionClient.html">@link com.amazonaws.services.s3.AmazonS3EncryptionClient</a>}, crypto modes AuthenticatedEncryption and
* StrictAuthenticatedEncryption<br>
* <b>Decryption:</b> {<a href="https://docs.aws.amazon.com/AmazonS3/latest/API/RESTfulEncryptionClient.html">@link com.amazonaws.services.s3.AmazonS3EncryptionClient</a>}, all crypto modes, or
* {<a href="https://docs.aws.amazon.com/AmazonS3/latest/API/RESTfulEncryptionClientV2.html">@link com.amazonaws.services.s3.AmazonS3EncryptionClientV2</a>}, crypto modes AuthenticatedEncryption and
* StrictAuthenticatedEncryption.
* <p>
* <b>Note:</b>
* While the V1 client can both generate and interpret 2nd gen metadata, it cannot decrypt any object encrypted
* using the V2 client, because the values of <b>x-amz-wrap-alg</b> differ.

```

```

* <p>
* <h3>Metadata used the same way by V1 and V2 clients</h3>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td width="200"><b>x-amz-key-v2</b></td>
* <td>CEK in key wrapped form. This is necessary so that the S3 encryption
* client that doesn't recognize the v2 format will not mistakenly decrypt S3
* object encrypted in v2 format.</td>
* </tr>
* <tr>
* <td><b>x-amz-iv</b></td>
* <td>Randomly generated IV (per S3 object), base64 encoded. (Same as v1.)</td>
* </tr>
* <td><b>x-amz-unencrypted-content-length</b></td>
* <td>Unencrypted content length. (optional but should be specified whenever
* possible. Same as v1.)</td>
* </tr>
* <tr>
* <td><b>x-amz-tag-len</b></td>
* <td>Tag length (in bits) when AEAD is in use.
* <ul>
* <li>Only applicable if AEAD is in use. This meta information is absent
* otherwise, or if KMS is in use.</li>
* <li>Supported value: <code>"128"</code></li>
* </ul>
* </td>
* </tr>
* </table>
* <h3>Metadata using V1 client</h3>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <td><b>x-amz-matdesc</b></td>
* <td>Customer provided material
* description in JSON format. (Same as v1). Used
* to identify the client-side master key.
* <ul>
* <li>For KMS client side encryption, the KMS Customer Master Key ID is stored
* as part of the material description, <b>x-amz-matdesc</b>, under the key-name
* <code>"kms_cmk_id"</code>.</li>
* </ul>
* </td>

```

```

* </tr>
* <tr>
* <td><b>x-amz-wrap-alg</b></td>
* <td>Key wrapping algorithm used.
* <ul>
* <li>Supported values:
* <code>"AESWrap", "RSA/ECB/OAEPWithSHA-256AndMGF1Padding", "kms"</code></li>
* <li>No standard key wrapping is used if this meta information is absent</li>
* <li>Always set to <b>"kms"</b> if KMS is used for client-side encryption</li>
* </ul>
* </td>
* </tr>
* <tr>
* <td><b>x-amz-cek-alg</b></td>
* <td>Content encryption algorithm used.
* <ul>
* <li>Supported values:
* <code>"AES/GCM/NoPadding", "AES/CBC/PKCS5Padding"</code></li>
* <li>Default to <code>"AES/CBC/PKCS5Padding"</code> if this key is absent.</li>
* </ul>
* </td>
* </tr>
* </table>
* <h3>Metadata using V2 client</h3>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td><b>x-amz-matdesc</b></td>
* <td>Customer provided material description in JSON format. (Same as v1). For KMS client side encryption,
* the cek algorithm is stored as part of the material description under the key-name <code>aws:x-amz-cek-
alg</code>.
* </td>
* </tr>
* <tr>
* <td><b>x-amz-wrap-alg</b></td>
* <td>Key wrapping algorithm used.
* <ul>
* <li>Supported values:
* <code>"AES/GCM/NoPadding" (symmetric default), "RSA-OAEP-SHA1", "RSA-OAEP-SHA1" (asymmetric
default), "kms"</code>
* </li>
* <li>No standard key wrapping is used if this meta information is absent</li>
* <li>Always set to <b>"kms"</b> if KMS is used for client-side encryption</li>
* </ul>
* </td>

```



```

* </tr>
* <tr>
* <td><b>x-amz-cek-alg</b></td>
* <td>Content encryption algorithm used. Supported values: <code>"AES/GCM/NoPadding"</code>
* </td>
* </tr>
*

```

```

</table>

```

```

* <p>
* <h3>KMS Integration for client-side encryption</h3>
* <ol>

```

```

* <li>All client-side KMS protected S3 objects are stored in v2 crypto meta information
* format. However, the key wrapping algorithm, <b>x-amz-wrap-alg</b> is always
* set to <b>"kms"</b>.</li>
* <li>For V1 clients, the KMS Customer Master Key ID is currently stored as part of the
* material description, <b>x-amz-matdesc</b>, under the key-name
* <b>"kms_cmek_id"</b>.</li>
* <li>For V2 clients, the KMS Customer Master Key ID is <b>not</b> stored as part of the
* material description and must be supplied by the decrypting client.</li>
* </ol>

```

```

* <p>
* <h4>Sample S3 crypto meta information for KMS client-side encryption</h4>
* <p>

```

```

* <h5>V1 client, CryptoMode: EncryptionOnly</h5>

```

```

*

```

```

* <pre>

```

```

* x-amz-meta-x-amz-key-v2:

```

```

*

```

```

CiAJ2GqwpJRnt4izujwoalC2YdNRNSMEslG5rw3pEI+J8hKnAQEBaWb4CdhqsKSUZ7eIs7o8KGpQtmHTUTUj
BLJRua8N6RCPiFIAAAB+MHwGCSqGSib3DQEHbqBvMG0CAQAwaAYJKoZlHvcNAQcBMB4GCWCGSAFl
AwQBLjARBAyD0rzN3KHViWixDVcCARCAOwhZ6xA8rob3Z0mNx3uKFieHKVYIC/PKlchALvG1oVLnf86m
cZJNpTXtwMkKkDocVj3Z1zGjZTufFsOH

```

```

* x-amz-iv: xqOHh+M6y0UogwG5SHJM3Q==
* x-amz-unencrypted-content-length: 32768
* x-amz-cek-alg: AES/CBC/PKCS5Padding
* x-amz-wrap-alg: kms
* x-amz-matdesc: {"kms_cmek_id":"d3fd2273-4ca0-4da5-b1c2-c89742ec6a26"}

```

```

* </pre>

```

```

*

```

```

* <h5>V1 client, CryptoMode: AuthenticatedEncryption/StrictAuthenticatedEncryption</h5>

```

```

*

```

```

* <pre>

```

```

* x-amz-key-v2:

```

```

CiAJ2GqwpJRnt4izujwoalC2YdNRNSMEslG5rw3pEI+J8hKnAQEBaWb4CdhqsKSUZ7eIs7o8KGpQtmHTUTUj
BLJRua8N6RCPiFIAAAB+MHwGCSqGSib3DQEHbqBvMG0CAQAwaAYJKoZlHvcNAQcBMB4GCWCGSAFl
AwQBLjARBAytFVyW4I6QmwcPK1ECARCAO1VzoM6KxA9DHyNMm/BEbbjle2vLA7IY7f9OkUoSqrxdgKxp
NID9QaL/7928m1Djtd0bJpHefjm89C

```

```

* x-amz-iv: VZBksyij6DhrUMye

```

```

* x-amz-unencrypted-content-length: 32768
* x-amz-cek-alg: AES/GCM/NoPadding
* x-amz-wrap-alg: kms
* x-amz-matdesc: {"kms_cmek_id":"d3fd2273-4ca0-4da5-b1c2-c89742ec6a26"}
* x-amz-tag-len: 128
* </pre>
*
* <h5>V2 client, CryptoMode: AuthenticatedEncryption/StrictAuthenticatedEncryption</h5>
*
* <pre>
* x-amz-key-v2:
CiAJ2GqwpJRnt4izujwoalC2YdNRNSMEslG5rw3pEI+J8hKnAQEBawB4CdhqsKSUZ7eIs7o8KGpQtmHTUTUj
BLJRua8N6RCPifIAAAB+MHwGCSqGSib3DQEHbqBvMG0CAQAwAAYJKoZIhvcNAQcBMB4GCWCGSAGFl
AwQBLjARBAytFVyW4I6QmwcPK1ECARCAO1VzoM6KxA9DHyNMm/BEbbjle2vLA7IY7f9OkUoSqrdxgKxp
NID9QaL/7928m1Djtd0bJpHefjm89C
* x-amz-iv: VZBksyij6DhrUMye
* x-amz-unencrypted-content-length: 32768
* x-amz-cek-alg: AES/GCM/NoPadding
* x-amz-wrap-alg: kms
* x-amz-matdesc: {"aws:x-amz-cek-alg":"AES/GCM/NoPadding"}
* x-amz-tag-len: 128
* </pre>
*
* <h2>S3 metadata of an instruction file</h2>
* <p>
* The following key is always included as part of the S3 metadata of the
* instruction file (which is just an S3 object). Since the SDK treats this key
* as "user metadata", the key name is always prefixed with <b>x-amz-meta-</b>
* when physically stored.
* <p>
* <table border=1>
* <tr aligned="left">
* <th>key</th>
* <th>description</th>
* </tr>
* <tr>
* <td
width="200"><b>x-amz-crypto-instr-file</b></td>
* <td>the presence of this key is used to indicate this S3 object is an
* instruction file (of an associated client-side encrypted S3 object).</td>
* </tr>
* </table>
* /

```

Found in path(s):

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/package-info.java

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

```

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 * http://aws.amazon.com/apache2.0
 *
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 * express or implied. See the License for the specific language governing
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 */

```

Found in path(s):

```

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketWebsiteConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketWebsiteConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/RoutingRuleCondition.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GlacierJobParameters.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetBucketLocationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/ListPartsHeaderHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetBucketAclRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/InitiateMultipartUploadHeaderHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/RedirectRule.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/RoutingRule.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListObjectsV2Request.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v2/MultipartUploadContext.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/ByteRangeCapturingInputStream.java
*
/aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/v1/MultipartUploadContext.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketPolicyRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketWebsiteConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteBucketPolicyRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3ClientParamsWrapper.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3AbortableInputStream.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketTaggingConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetBucketPolicyRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketLifecycleConfigurationRequest.java

```

```

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3ClientConfigurationFactory.java
*
/ aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketWebsiteConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3ClientBuilder.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/TransferManagerBuilder.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Tier.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListObjectsV2Result.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3ClientParams.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3Builder.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/TransferManagerParams.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketCrossOriginConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketAclRequest.java
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*/

```

Found in path(s):

```

* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketAnalyticsConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryDestination.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFormat.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFilterPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsFilterPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsFilterPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/inventory/InventoryPredicateVisitor.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleAndOperator.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/replication/ReplicationPredicateVisitor.java
* /aws-java-sdk-s3-1-12-469-sources-

```

```

jar/com/amazonaws/services/s3/model/SetBucketInventoryConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecyclePrefixPredicate.java
*
/ aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysisDataExport.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsPrefixPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/lifecycle/LifecycleObjectSizeLessThanPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFrequency.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketAnalyticsConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/analytics/AnalyticsS3ExportFileFormat.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/analytics/AnalyticsS3BucketDestination.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/ListBucketMetricsConfigurationsResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketMetricsConfigurationResult.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsPrefixPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/replication/ReplicationAndOperator.java
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* /aws-java-sdk-s3-1-12-469-sources-
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* /aws-java-sdk-s3-1-12-469-sources-
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/replication/ReplicationTagPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/ListBucketAnalyticsConfigurationsResult.java
*
/ aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketAnalyticsConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/inventory/InventoryPrefixPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/ListBucketInventoryConfigurationsRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsFilter.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketAnalyticsConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/inventory/InventoryS3BucketDestination.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/inventory/InventoryIncludedObjectVersions.java

```

```

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsTagPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsAndOperator.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecyclePredicateVisitor.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketMetricsConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsAndOperator.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketOwnershipControlsResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/analytics/AnalyticsExportDestination.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsNaryOperator.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryOptionalField.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/AccessControlTranslation.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketMetricsConfigurationResult.java
*
/ aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysis.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleFilter.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketOwnershipControlsRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketOwnershipControlsResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/analytics/StorageClassAnalysisSchemaVersion.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketInventoryConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/lifecycle/LifecycleObjectSizeGreaterThanPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/replication/ReplicationNaryOperator.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketAnalyticsConfigurationRequest.java
*
/ aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketInventoryConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventoryFilter.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/replication/ReplicationPrefixPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleNaryOperator.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/replication/ReplicationFilter.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketOwnershipControlsResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/OwnerOverride.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketMetricsConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleTagPredicate.java
*

```

```

/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3CredentialsProviderChain.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsFilter.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/replication/ReplicationFilterPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/RequestCopyUtils.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketOwnershipControlsRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/ListBucketAnalyticsConfigurationsRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketInventoryConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/ListBucketInventoryConfigurationsResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsNARYOperator.java
*
/aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartDownload.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/metrics/MetricsPredicateVisitor.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketMetricsConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/analytics/AnalyticsTagPredicate.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/analytics/AnalyticsPredicateVisitor.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketInventoryConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/inventory/InventorySchedule.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/DeleteBucketAnalyticsConfigurationResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/lifecycle/LifecycleFilterPredicate.java
*
/aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetBucketOwnershipControlsRequest.java
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```

Found in path(s):

- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/waiters/HeadBucketFunction.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/waiters/HeadObjectFunction.java

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- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/ObjectExpirationResult.java
- * /aws-java-sdk-s3-1-12-469-sources-
- jar/com/amazonaws/services/s3/model/SetBucketNotificationConfigurationRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketCrossOriginConfiguration.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/MultiObjectDeleteException.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadMonitor.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/TransferMonitor.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CopyPartRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteObjectsResult.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/DeleteObjectsResponse.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/ObjectRestoreResult.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CopyPartResult.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GenericBucketRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/ResponseHeaderHandlerChain.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CORSRule.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/HeaderHandler.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/ServerSideEncryptionResult.java
- * /aws-java-sdk-s3-1-12-469-sources-
- jar/com/amazonaws/services/s3/internal/ServerSideEncryptionHeaderHandler.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyMonitor.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ResponseHeaderOverrides.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketLifecycleConfiguration.java

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 */

```

Found in path(s):

```

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/RestoreRequestType.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListBucketsRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/GetRequestPaymentConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ReplicationTimeStatus.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CryptoConfigurationV2.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3XmlResponseHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/IllegalBucketNameException.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/UploadPartResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3RestoreOutputPathResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/TransferManagerConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/MetadataEntry.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CreateBucketRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/FileHeaderInfo.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/MetadataDirective.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartCopy.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadCallable.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/AnalyticsPredicateVisitorImpl.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CryptoStorageMode.java
* /aws-java-sdk-s3-1-12-469-sources-
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeletePublicAccessBlockResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GeneratePresignedUrlRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/MultipartUploadListing.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CompleteMultipartUploadRequest.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/crypto/JceEncryptionConstants.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/RequestPaymentConfigurationXmlFactory.java

```

```

* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/crypto/AdjustedRangeInputStream.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/InitiateMultipartUploadResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/InputSubstream.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyCallable.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/auth/AwsChunkedEncodingInputStream.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyImpl.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/AmazonS3Exception.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PutObjectResult.java
*
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PublicAccessBlockConfiguration.java
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PolicyStatus.java
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/Upload.java
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3ResponseMetadata.java
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/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectMetadata.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3ObjectResource.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/VersionListing.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3ArnConverter.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetPublicAccessBlockResult.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/MetricsPredicateVisitorImpl.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CSVInput.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EncryptionMaterials.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/DualstackEndpointBuilder.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/OutputLocation.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3ObjectResponseHandler.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Encryption.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ProgressEvent.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/internal/S3RestoreOutputPathHeaderHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/model/CopyResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SelectParameters.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ownership/OwnershipControls.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/ObjectRestoreHeaderHandler.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetRequestPaymentConfigurationRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CannedAccessControlList.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectMetadataRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/Unmarshallers.java

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- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/StorageClass.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/LegacyS3ProgressListener.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/Headers.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ReplicationTime.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetPublicAccessBlockResult.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3ResourceType.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/SSEResultBase.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/TransferManager.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListPartsRequest.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/Constants.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/ObjectExpirationHeaderHandler.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CopyObjectResult.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Region.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/ObjectMetadataProvider.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteBucketRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-
- jar/com/amazonaws/services/s3/transfer/internal/UploadPartRequestFactory.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/MetricsStatus.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteObjectsRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3ErrorResponseHandler.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EncryptionMaterialsAccessor.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/ObjectTaggingProvider.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/AbstractSSEHandler.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CryptoConfiguration.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetObjectRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetPublicAccessBlockRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-
- jar/com/amazonaws/services/s3/internal/RegionalEndpointsOptionResolver.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3MetadataResponseHandler.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ListObjectsRequest.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/BucketNameUtils.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/auth/policy/resources/S3ObjectResource.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/IsSigV4RetryablePredicate.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/TransferProgress.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/auth/policy/actions/S3Actions.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/InputSerialization.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/UploadContext.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeletePublicAccessBlockRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-
- jar/com/amazonaws/services/s3/transfer/internal/CompleteMultipartUpload.java
- * /aws-java-sdk-s3-1-12-469-sources-
- jar/com/amazonaws/services/s3/model/transform/LifecyclePredicateVisitorImpl.java
- *

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/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ownership/OwnershipControlsRule.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/RestoreObjectRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/MultiObjectDeleteXmlFactory.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/TransferManagerUtils.java
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CompleteMultipartUploadResult.java
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PartETag.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3AccessPointResource.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3QueryStringSigner.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadPartCallable.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3VersionHeaderHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/package-info.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/UploadPartRequest.java
* /aws-java-sdk-s3-1-12-469-sources-
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/auth/policy/conditions/S3ConditionFactory.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3RequestEndpointResolver.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/metrics/S3ServiceMetric.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/RequestXmlFactory.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/model/UploadResult.java
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GetBucketPolicyStatusRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3OutpostResource.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/transform/AbstractHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteObjectRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetPublicAccessBlockRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/UseArnRegionResolver.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/AbstractS3ResponseHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyPartCallable.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ProgressListener.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/Copy.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3V4AuthErrorRetryStrategy.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ExpressionType.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PartSummary.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3Location.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/transform/BucketConfigurationXmlFactoryFunctions.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/Transfer.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/XmlWriter.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/AbortMultipartUploadRequest.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Metrics.java
*

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/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/OutputSerialization.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PartListing.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ReplicationTimeValue.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/CopyPartRequestFactory.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3Signer.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/RestoreObjectResult.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/QuoteFields.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3ClientOptions.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CSVOutput.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/S3Resource.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/UploadImpl.java
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```
*/  
// The Amazon S3 DevPay token header is a special exception and can be safely moved
```

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jar/com/amazonaws/services/s3/internal/GetObjectTaggingResponseHeaderHandler.java  
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jar/com/amazonaws/services/s3/internal/SetObjectTaggingResponseHeaderHandler.java  
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/eventstreaming/Prelude.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/eventstreaming/Utils.java

*

/* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/eventstreaming/Message.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/eventstreaming/HeaderType.java

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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/MultipleFileDownloadImpl.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/MultipleFileTransfer.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/MultipleFileTransferMonitor.java
*

/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/MultipleFileUploadImpl.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/MultipleFileUpload.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/TransferStateChangeListener.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/MultipleFileDownload.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/DownloadMonitor.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/AbstractTransfer.java
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* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Grantee.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketLoggingConfiguration.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/TagSet.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/Mimetypes.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/RequestPaymentConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/RestUtils.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Bucket.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3StringResponseHandler.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketNotificationConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Owner.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketPolicy.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/AccessControlList.java
*
/aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketTaggingConfiguration.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/RepeatableFileInputStream.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CanonicalGrantee.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Grant.java
* /aws-java-sdk-s3-1-12-469-sources-

jar/com/amazonaws/services/s3/model/transform/XmlResponsesSaxParser.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EmailAddressGrantee.java

* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/RepeatableInputStream.java

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jar/com/amazonaws/services/s3/model/metrics/MetricsAccessPointArnPredicate.java

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jar/com/amazonaws/services/s3/transfer/internal/PresignedUrlRetryableDownloadTaskImpl.java

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 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EncryptedPutObjectRequest.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3ObjectId.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3DirectSpi.java
 *
 /aws-java-sdk-s3-1-12-469-sources-
 jar/com/amazonaws/services/s3/transfer/MultipleFileTransferStateChangeListener.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SimpleMaterialProvider.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SSEAwsKeyManagementParams.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/MultiFileOutputStream.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/QueueConfiguration.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PutInstructionFileRequest.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/UploadObjectRequest.java
 * /aws-java-sdk-s3-1-12-469-sources-
 jar/com/amazonaws/services/s3/model/EncryptedInitiateMultipartUploadRequest.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EncryptedGetObjectRequest.java
 *
 /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/KMSEncryptionMaterialsProvider.java
 * /aws-java-sdk-s3-1-12-469-sources-
 jar/com/amazonaws/services/s3/transfer/MultipleFileTransferProgressUpdatingListener.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/OnFileDelete.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/CloudFunctionConfiguration.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/KeyWrapException.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/InstructionFileId.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/transfer/internal/S3SyncProgressListener.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/S3Direct.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/auth/DecodedStreamBuffer.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3ObjectIdBuilder.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SSECustomerKey.java
 *
 /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3DataSource.java
 * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/auth/ChunkContentIterator.java
 * /aws-java-sdk-s3-1-12-469-sources-
 jar/com/amazonaws/services/s3/model/SSEAwsKeyManagementParamsProvider.java

- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/PutObjectRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/FileDeletionEvent.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/AbstractPutObjectRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ExtraMaterialsDescription.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/AmazonS3URI.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/UploadObjectObserver.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/EncryptionMaterialsFactory.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/MaterialsDescriptionProvider.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/TopicConfiguration.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/NotificationConfiguration.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/PartCreationEvent.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3Event.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SSECustomerKeyProvider.java

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- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3VersionSummary.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketTaggingConfigurationRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/DeleteVersionRequest.java
- *
- /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/BucketVersioningConfiguration.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/Permission.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/internal/MD5DigestCalculatingInputStream.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketLoggingConfigurationRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/SetBucketVersioningConfigurationRequest.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/package-info.java
- * /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/GroupGrantee.java

```
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/ObjectListing.java
* /aws-java-sdk-s3-1-12-469-sources-jar/com/amazonaws/services/s3/model/S3ObjectSummary.java
* /aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketCrossOriginConfigurationRequest.java
*
/aws-java-sdk-s3-1-12-469-sources-
jar/com/amazonaws/services/s3/model/SetBucketLifecycleConfigurationRequest.java
```

1.234 asm-tree 9.6

1.234.1 Available under license :

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* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/FieldNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/FrameNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/LdcInsnNode.java
*
/asm-tree-9-6-sources-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/InsnList.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/InsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/MethodInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/ParameterNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/ModuleRequireNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/LineNumberNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/JumpInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/ModuleExportNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
*
```

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/asm-tree-9-6-sources-jar/org/objectweb/asm/tree/RecordComponentNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/ModuleNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/InnerClassNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/IncnInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/LabelNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/ModuleProvideNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/IntInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/ModuleOpenNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/ClassNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/AbstractInsnNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/VarInsnNode.java
*
/asm-tree-9-6-sources-jar/org/objectweb/asm/tree/AnnotationNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/MethodNode.java
* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/Util.java
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* /asm-tree-9-6-sources-jar/org/objectweb/asm/tree/package.html

1.235 metrics-jmx 4.0.5

1.235.1 Available under license :

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1.236 netty-resolver 4.1.109.Final

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* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/HostsFileParser.java
*
/netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/AddressResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java

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* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/NameResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/NoopAddressResolver.java
* /netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
*
/netty-resolver-4-1-109-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
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1.237 kafka-protobuf-types 7.5.1

1.237.1 Available under license :

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="description" content="Home page of The Apache Software Foundation">

  <link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
  <link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
  <link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
  <link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
  <link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
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  <link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
  <link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
  <link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
  <link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
  <link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
  <link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
  <link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
  <link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
  <link rel="manifest" href="/favicons/manifest.json">
  <link rel="shortcut icon" href="/favicons/favicon.ico">
  <meta name="msapplication-TileColor" content="#603cba">
  <meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
  <meta name="msapplication-config" content="/favicons/browserconfig.xml">
  <meta name="theme-color" content="#303284">

  <title>Apache License, Version 2.0</title>
  <link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
    rel='stylesheet' type='text/css'>
  <link href="/css/min.bootstrap.css" rel="stylesheet">
  <link href="/css/styles.css" rel="stylesheet">
```

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-->

</head>

<body>

<!-- Navigation -->

<header>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

Toggle navigation

</button>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left">Home » Licenses</div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

About

<ul class="dropdown-menu"

role="menu">

Overview

Members

Process

Sponsorship

Glossary

FAQ

Contact

Projects

<li class="dropdown">

People

<ul class="dropdown-menu" role="menu">

Overview

Committers

Meritocracy

Roles

Planet Apache

```

    </ul>
  </li>
  <li class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
    <ul class="dropdown-menu" role="menu">
      <li><a href="/foundation/getinvolved.html">Overview</a></li>
      <li><a href="http://community.apache.org/">Community Development</a></li>
      <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
      <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
    </ul>
  </li>
  <li><a href="/dyn/closer.cgi">Download</a></li>
  <li class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
    <ul class="dropdown-menu" role="menu">

      <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
      <li><a href="/foundation/contributing.html">Donations</a></li>
      <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
      <li><a href="/foundation/thanks.html">Thanks</a></li>
    </ul>
  </li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
  <div class="row">
    <div class="col-md-9 col-sm-8 col-xs-12">
      
    </div>
    <div class="col-md-3 col-sm-4 col-xs-12">
      <div class="input-group" style="margin-bottom: 5px;">
        <script>
(function() {
  var cx = '005703438322411770421:5mgshgrgx2u';
  var gcse = document.createElement('script');
  gcse.type = 'text/javascript';
  gcse.async = true;
  gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
  var s = document.getElementsByTagName('script')[0];
  s.parentNode.insertBefore(gcse, s);
})();

```

```

</script>
  <gcse:searchbox-only></gcse:searchbox-only>
</div>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover >
.headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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<!-- Footer -->

```
<footer class="bg-primary">
<div class="container">
  <div class="row">
    <br />
    <div class="col-sm-1">

</div>
<div class="col-sm-2">
  <h5 class="white">Community</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="http://community.apache.org/">Overview</a></li>
    <li><a href="/foundation/conferences.html">Conferences</a></li>
    <li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
    <li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
    <li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
    <li><a href="/travel/">Travel Assistance</a></li>
    <li><a href="/foundation/getinvolved.html">Get Involved</a></li>
    <li><a href="http://community.apache.org/newbiefaq.html">Community
FAQ</a></li>
  </ul>
</div>

<div class="col-sm-2">
  <h5 class="white">Innovation</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="http://incubator.apache.org/">Incubator</a></li>
```

```

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<li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
</ul>
</div>

```

```

<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/dev/">Developer Information</a></li>
    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>

  </ul>
</div>

```

```

<div class="col-sm-2">
<h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>

  </ul>
</div>

```

```

<div class="col-sm-2">
<h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>

  </ul>
</div>

```

```

<div class="col-sm-1">
</div>

```

```

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright &#169; 2016 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
  </div>
</div>
</div>

```

```
</footer>
```

```
<!-- / Footer -->
```

```

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

```

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```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
```

```
<html><head>
```

```
<title>301 Moved Permanently</title>
```

```
</head><body>
```

```
<h1>Moved Permanently</h1>
```

```
<p>The document has moved <a href="https://opensource.org/licenses/mit-license.php">here</a>.</p>
```

```
</body></html>
```

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: schema-registry

Source: <https://github.com/confluentinc/schema-registry>

Files: *

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```
cd <SRC_PATH>
mvn package -DskipTests
mkdir /tmp/jars
mkdir /tmp/overrides
cp package-schema-registry/target/kafka-schema-registry-package-<VERSION>-package/share/java/schema-registry/*.jar /tmp/jars/
cp package-kafka-serde-tools/target/kafka-serde-tools-package-<VERSION>-package/share/java/kafka-serde-tools/*.jar /tmp/jars/
cd <LICENSE_TOOL_PATH>
./bin/run_license_job.bash -i /tmp/jars -l <SRC_PATH>/licenses -n <SRC_PATH>/notices -h
<SRC_PATH>/licenses-and-notices.html -o /tmp/overrides
```

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```
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```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
```

```
<title>Untitled Document</title>
```

```
</head>
```

```

<body>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML>
<!-- @page { margin: 0.79in } P { margin-bottom: 0.08in } H1 { margin-top: 0in; margin-bottom: 0.17in; widows:
0; orphans: 0 } H1.western { font-family: "Times New Roman", serif; font-size: 12pt; font-weight: normal } H1.cjk
{ font-family: "Andale Sans UI"; font-size: 12pt; font-weight: normal } H1.clt { font-family: "Tahoma"; font-size:
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"http://www.w3.org/TR/html4/loose.dtd">
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<html lang="en-US">
<head>
<title>GlassFish Dual License Header and License Notice GPL v2 and CDDL</title>
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<style type="text/css">
li {display: block;}
</style>
</head>
```

<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">

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1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

</p>

<p>

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

</p>

<p>

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

</p>

<p>

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

</p>

<p>

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof,

to be licensed as a whole at no charge to all third parties under the terms of this License.

</p>

<p>

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception:

if the Program itself is interactive

but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

</p>

<p>

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

</p>

<p>

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

entirely by you; rather, the intent is to

exercise the right to control the distribution of derivative or collective works based on the Program.

</p>

<p>

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

</p>

<p>

3. You may copy and distribute the Program (or a work based

on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

</p>

<p>

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

</p>

<p>

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

</p>

<p>

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

</p>

<p>

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the

source code for all modules it contains, plus any

associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

</p>

<p>

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

copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

</p>

<p>

4. You may not copy, modify, sublicense, or distribute the Program except

as expressly provided under this License. Any attempt

otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

</p>

<p>

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

</p>

<p>

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

</p>

<p>

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from

the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then

as a consequence you may not distribute the Program at all.

For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

</p>

<p>

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

</p>

<p>

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices.

Many people have made generous contributions

to the wide range of software

distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

</p>

<p>

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

</p>

<p>

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

</p>

<p>

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions

will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

</p>

<p>

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

</p>

<p>

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for

permission. For software which is copyrighted by the Free Software

Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

</p>

<p>NO WARRANTY</p>

<p>

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

</p>

<p>

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN

WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

</p>

<p>END OF TERMS AND CONDITIONS</p>

<p>How to Apply These Terms to Your New Programs</p>

<p>

If you develop a new program, and you want it to be of the greatest possible

use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

</p>

<p>

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

</p>

<p>

One line to give the program's name and a brief idea of what it does.

</p>

<p>

Copyright (C) <year> <name of author>

</p>

<p>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

</p>

<p>

This program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY
or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License
for more details.

</p>

<p>

You should have received a copy of the GNU General Public License along
with this program; if not, write to the Free Software Foundation, Inc.,
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

</p>

<p>

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

</p>

<p>

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

</p>

<p>

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.

</p>

<p>

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.

</p>

<p>

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

</p>

<p>
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James Hacker.
</p>
<p>
signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice
</p>

<p>
This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with
the library. If this is what you want to do, use the GNU Library General
Public License instead of this License.
</p>

<li style="background-color:yellow;">
<p>"CLASSPATH" EXCEPTION TO THE GPL VERSION 2</p>
<p>
Certain source files distributed by Sun Microsystems, Inc. are subject to
the following clarification and special exception to the GPL Version 2, but
only where Sun has expressly included in the particular source file's
header the words

"Sun designates this particular file as subject to the "Classpath"
exception as provided by Sun in the License file that accompanied this code."
</p>
<p>
Linking this library statically or dynamically with
other modules is making
a combined work based on this library. Thus, the terms and conditions of the
GNU General Public License Version 2 cover the whole combination.
</p>
<p>
As a special exception, the copyright holders of this library give you
permission to link this library with independent modules to produce an
executable, regardless of the license terms of these independent modules,
and to copy and distribute the resulting executable under terms of your
choice, provided that you also meet, for each linked independent module,
the terms and conditions of the license of that module.? An independent
module is a module which is not derived from or based on this library.? If
you modify this library, you may extend this exception to your version of
the library, but you are not obligated to do so.? If you do not wish to do
so, delete this exception statement from your version.
</p>

</body>

</html>

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), 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.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta name="description" content="Home page of The Apache Software Foundation">

<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">

<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">

<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">

<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">

<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">

<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">

<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">

<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">

<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">

<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">

<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">

<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">

<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">

<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">

<link rel="manifest" href="/favicons/manifest.json">

```

<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Licenses</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

```

<!-- Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at .
<http://www.apache.org/licenses/LICENSE-2.0> . Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. -->

```

</head>

```

```

<body>

```

```

<!--

```

```

    Navigation -->

```

```

<header>

```

```

<nav class="navbar navbar-default navbar-fixed-top">

```

```

    <div class="container">

```

```

        <div class="navbar-header">

```

```

            <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

```

```

                <span class="sr-only">Toggle navigation</span>

```

```

                <span class="icon-bar"></span>

```

```

                <span class="icon-bar"></span>

```

```

                <span class="icon-bar"></span>

```

```

            </button>

```

```

            <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>

```

```

        </div>

```

```

        <div class="collapse navbar-collapse" id="mainnav-collapse">

```

```

            <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&lt;a href="/licenses/">Licenses</a></div>

```

```

            <ul class="nav navbar-nav navbar-right">

```

```

                <li class="dropdown">

```

```

                    <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>

```

```

                    <ul class="dropdown-menu" role="menu">

```

```

                        <li><a href="/foundation">Overview</a></li>

```

```

                        <li><a href="/foundation/members.html">Members</a></li>

```

```

<li><a href="/foundation/how-it-works.html">Process</a></li>
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html ">Contact</a></li>
</ul>
</li>
<li><a href="/index.html#projects-list">Projects</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="http://people.apache.org/">Overview</a></li>
    <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
    <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
    <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
    <li><a href="http://planet.apache.org/">Planet Apache</a></li>
  </ul>
</li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
<div class="col-md-9 col-sm-8 col-xs-12">

```

```

    
</div>
<div class="col-md-3 col-sm-4 col-xs-12">
    <div class="input-group" style="margin-bottom: 5px;">
        <script>
(function() {
    var cx = '005703438322411770421:5mgshgrgx2u';
    var gcse = document.createElement('script');
    gcse.type = 'text/javascript';
    gcse.async = true;
    gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
        '//cse.google.com/cse.js?cx=' + cx;
    var s = document.getElementsByTagName('script')[0];
    s.parentNode.insertBefore(gcse, s);
})();
</script>
    <gcse:searchbox-only></gcse:searchbox-only>
</div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
   It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
    visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover
> .elementid-permalink { visibility: visible }</style>
<p>The Apache Software Foundation uses various licenses to <a href="#distributions">distribute
software and documentation</a>, to accept regular
<a href="#clas">contributions from individuals and corporations</a>, and to accept
larger <a href="#grants">grants of existing software products</a>.</p>
<p>These licenses help us achieve our goal of providing reliable and
long-lived software products through collaborative open source software
development. In all cases, contributors retain full rights to use their
original contributions for any other purpose outside of Apache while
providing the ASF and its projects the right to distribute and build upon
their work within Apache.</p>

```


<h1 id="distributions">Licensing of Distributions¶</h1>

<p>All software produced by The Apache Software Foundation or any of its projects or subjects is licensed according to the terms of the documents listed below.</p>

<h3 id="2.0">Apache License, Version 2.0 (current)¶</h3>

<p>http://www.apache.org/licenses/LICENSE-2.0 (TXT or HTML)</p>

<p>The 2.0 version of the Apache License was approved by the ASF in 2004. The goals of this license revision have been to reduce the number of frequently asked questions, to allow the license to be reusable without modification by any project (including non-ASF projects), to allow the license to be included by reference instead of listed in every file, to clarify the license on submission of contributions, to require a patent license on contributions that necessarily infringe the contributor's own patents, and to move comments regarding Apache and other inherited attribution notices to a location outside the license terms (the NOTICE file).</p>

<p>The result is a license that is supposed to be compatible with other open source licenses, while remaining true to the original goals of the Apache Group and supportive of collaborative development across both nonprofit and commercial organizations. The Apache Software Foundation is still trying to determine if this version of the Apache License is compatible with the GPL.</p>

<p>All packages produced by the ASF are implicitly licensed under the Apache License, Version 2.0, unless otherwise explicitly stated. More developer documentation on how to apply the Apache License to your work can be found in * Applying the Apache License, Version 2.0 *.</p>

<h3 id="1.1">Apache License, Version 1.1 (historic)¶</h3>

<p>http://www.apache.org/licenses/LICENSE-1.1 </p>

<p>The 1.1 version of the Apache License was approved by the ASF in 2000. The primary change from the 1.0 license is in the 'advertising clause' (section 3 of the 1.0 license); derived products are no longer required to include attribution in their advertising materials, only in their documentation.</p>

<p>Individual packages licensed under the 1.1 version may have used different wording due to varying requirements for attribution or mark identification, but the binding terms were all the same.</p>

<h3 id="1.0">Apache License, Version 1.0 (historic)¶</h3>

<p>http://www.apache.org/licenses/LICENSE-1.0 </p>

<p>This is the original Apache License which applies only to older versions of Apache packages (such as version 1.2 of the Web server).</p>

<h1 id="clas">Contributor License Agreements¶</h1>

<p>The ASF desires that all contributors of ideas, code, or documentation to any Apache projects

complete, sign, and submit (via fax or

email) an Individual Contributor License Agreement (ICLA).

The purpose of this agreement is to clearly define the

terms under which intellectual property has been contributed to the ASF and

thereby allow us to defend the project should there be a legal dispute

regarding the software at some future time. A signed ICLA is required to be

on file before an individual is given commit rights to an ASF project.</p>

<p>For a corporation that has assigned employees to work on an Apache project,

a Corporate CLA (CCLA) is available for contributing intellectual property via the corporation, that may have been assigned as

part of an employment agreement. Note that a Corporate CLA does not remove

the need for every developer to sign their own ICLA as an individual, to

cover any of their contributions which are not owned by the corporation

signing the CCLA.</p>

<p>The ICLA is not tied to any employer you

may have, so it is recommended to

use one's personal email address in the contact details, rather than an @work

address.</p>

<p>Your Full name will be published unless you provide an alternative Public name.

For example if your full name is Andrew Bernard Charles Dickens, but you wish

to be known as Andrew Dickens, please enter the latter as your Public name.</p>

<p>The email address and other contact details are not published.</p>

<h1 id="grants">Software Grants¶</h1>

<p>When an individual or corporation decides to donate a body of existing

software or documentation to one of the Apache projects, they need to

execute a formal Software Grant Agreement (SGA) with

the ASF. Typically, this is done after negotiating approval with the ASF

Incubator or one of the PMCs, since the ASF

will not accept software unless there is a viable community

available to

support a collaborative project.</p>

<h1 id="submitting">Submitting License Agreements and Grants<a class="headerlink" href="#submitting"

title="Permanent link">¶</h1>

<p>Documents may be submitted by fax or email.</p>

<p>If submitting by fax, please print, sign, and fax all pages of the document

to +1-919-573-9199. Please send documents right-side-up, first page first;

and send only one document per fax.</p>

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print, sign, scan all pages into a single pdf file,

and email the pdf file as an attachment to secretary@apache.org. If possible,

send the attachment from the email address in the document.

Please send only one document per email.</p>

<p>If you prefer to sign electronically, please fill the form, save it locally (e.g. icla.pdf), and sign the

file by preparing a detached PGP signature. For example,</p>

```

<blockquote>
<p>gpg --armor --detach-sign icla.pdf</p>
</blockquote>
<p>The above will create
a file icla.pdf.asc. Send both the file and signature
as attachments in the same email to secretary@apache.org. Please send only one
document (file plus signature) per email. Please do not submit your public key to Apache.
Instead, please upload your public key to pgpkeys.mit.edu. </p>
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icla.pdf and icla.pdf.asc for individual agreements;
ccla.pdf and ccla.pdf.asc for corporate agreements;
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<h1 id="questions">Questions?<a
class="headerlink" href="#questions" title="Permanent link">&para;</a></h1>
<p>For answers to frequently asked licensing questions, please consult our
<a href="/foundation/license-faq.html">Licensing Frequently Asked Questions</a> page.</p></div>

<!-- Footer -->

<footer class="bg-primary">
<div class="container">
<div class="row">
<br />
<div class="col-sm-1">

</div>
<div class="col-sm-2">
<h5 class="white">Community</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="http://community.apache.org/">Overview</a></li>
<li><a href="/foundation/conferences.html">Conferences</a></li>
<li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
<li><a href="/travel/">Travel Assistance</a></li>
<li><a href="/foundation/getinvolved.html">Get
Involved</a></li>
<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
</ul>
</div>

```

```
<div class="col-sm-2">
  <h5 class="white">Innovation</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="http://incubator.apache.org/">Incubator</a></li>
    <li><a href="http://labs.apache.org/">Labs</a></li>
    <li><a href="/licenses/">Licensing</a></li>
    <li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/dev/">Developer Information</a></li>
    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy
Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
<div class="col-lg-12">
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Foundation.</p>
</div>
</div>
</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

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1.239 xerces-j 2.12.2

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1.240 musl-utils 1.2.4_git20230717-r4

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1.241 guice 4.2.2

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1.242 opentelemetry-sdk-extension-autoconfigure-spi 1.32.0

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1.243 jul-to-slf4j 2.0.12

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1.244 metrics 4.0.5

1.245 kafka-schema-registry-client 7.5.1

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```
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jar/io/confluent/kafka/schemaregistry/client/rest/entities/SchemaEntity.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/SchemaTags.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/CustomBearerAuthCredentialProvider.java
*
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/kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/entities/requests/TagSchemaRequest.java
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* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/avro/Difference.java
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```
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 */
```

Found in path(s):

* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/ParsedSchemaHolder.java
*
/kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/SimpleParsedSchemaHolder.java

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```

Found in path(s):

```
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/RuleKind.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/FieldRuleExecutor.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/ErrorAction.java
*
/kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/utils/WildcardMatcher.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/Metadata.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/RuleBase.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/RuleContext.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/oauth/OAuthTokenCache.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/RuleAction.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/oauth/SaslOAuthCredentialProvider.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/entities/Rule.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/oauth/exceptions/SchemaRegistryOAuthTokenRetrie
verException.java
*
/kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/NoneAction.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/FieldTransform.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/RuleException.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/RuleExecutor.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/oauth/OAuthCredentialProvider.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/oauth/CachedOAuthTokenRetriever.java
* /kafka-schema-registry-client-7-5-1-sources-
```

jar/io/confluent/kafka/schemaregistry/client/SchemaRegistryClientFactory.java
*
/kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/entities/RuleSet.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/rules/DlqAction.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/entities/RuleMode.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/config/provider/SchemaRegistryConfigProvider.java
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* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/entities/SchemaRegistryServerVersion.java
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Found in path(s):
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/avro/AvroSchema.java

* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/testutil/MockSchemaRegistry.java
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jar/io/confluent/kafka/schemaregistry/client/SchemaVersionFetcher.java
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Found in path(s):

* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/basicauth/BasicAuthCredentialProviderFactory.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/avro/AvroCompatibilityLevel.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/MockSchemaRegistryClient.java

```

*
/kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/security/SslFactory.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/avro/AvroSchemaUtils.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/RestService.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/exceptions/RestClientException.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/SchemaRegistryClient.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/basicauth/UserInfoCredentialProvider.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/entities/Config.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/ParsedSchema.java
*
/kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/ErrorMessage.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/entities/Mode.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/avro/AvroCompatibilityChecker.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/StaticTokenCredentialProvider.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/SchemaRegistryClientConfig.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/BearerAuthCredentialProviderFactory.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/entities/Schema.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/basicauth/BasicAuthCredentialProvider.java
*
/kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/requests/ConfigUpdateRequest.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/requests/CompatibilityCheckResponse.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/SchemaString.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/SchemaProvider.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/CachedSchemaRegistryClient.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/requests/RegisterSchemaResponse.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/urls/UrlList.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/AbstractSchemaProvider.java
*
/kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/requests/ModeUpdateRequest.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/Versions.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/SchemaMetadata.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/basicauth/UrlBasicAuthCredentialProvider.java

```

```
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/requests/RegisterSchemaRequest.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/bearerauth/BearerAuthCredentialProvider.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/CompatibilityLevel.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/security/basicauth/SaslBasicAuthCredentialProvider.java
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io.confluent.kafka.schemaregistry.client.config.provider.SchemaRegistryConfigProvider

```
Found in path(s):
* /kafka-schema-registry-client-7-5-1-sources-jar/META-
INF/services/org.apache.kafka.common.config.provider.ConfigProvider
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 * Includes ideas described in <http://portal.acm.org/citation.cfm?id=1547428>
 *

*/
 /**

* A hash table supporting full concurrency of retrievals and adjustable expected concurrency for
 * updates. This class obeys the same functional specification as {@link java.util.Hashtable}, and
 * includes versions of methods corresponding to each method of
 * `Hashtable`. However, even though all operations are
 * thread-safe, retrieval operations do *not* entail locking, and there is *not* any
 * support for locking the entire table in a way that prevents all access. This class is fully
 * interoperable with `Hashtable` in programs that rely on its thread safety but not on its
 * synchronization details.

* <p/>

* <p> Retrieval operations (including `get`) generally do not
 * block, so may overlap with update operations (including
 * `put` and `remove`). Retrievals reflect the results
 * of the most recently *completed* update operations holding upon their onset. For
 * aggregate operations such as `putAll` and
 * `clear`, concurrent retrievals may
 * reflect insertion or removal of only some entries. Similarly, Iterators and Enumerations return
 * elements reflecting the state of the hash table at some point at or since the creation of the
 * iterator/enumeration. They do *not* throw
 * `ConcurrentModificationException`.
 * However, iterators are designed to be used by only one thread at a time.

* <p/>

* <p> The allowed concurrency among update operations is guided by
 * the optional `concurrencyLevel` constructor argument (default `16`), which is used
 * as a hint for internal sizing. The table is internally partitioned to try to permit the
 * indicated number of concurrent updates without contention. Because placement in hash tables is
 * essentially random, the actual concurrency will vary. Ideally, you should choose a value to
 * accommodate as many threads as will ever concurrently modify the table. Using a significantly
 * higher value than
 * you need can waste space and time, and a significantly lower value can lead to
 * thread contention. But overestimates and underestimates within an order of magnitude do not
 * usually have much noticeable impact. A value of one is appropriate when it is known that only one
 * thread will modify and all others will only read. Also, resizing this or any other kind of hash
 * table is a relatively slow operation, so, when possible, it is a good idea to provide estimates
 * of expected table sizes in constructors.

* <p/>

* <p> This class and its views and iterators implement all of the
 * *optional* methods of the `Map` and `Iterator`
 * interfaces.

* <p/>

* <p> This class is copied from Debezium, (which took it from Hibernate,

- * which took it from Infinispan) and was originally written by Doug Lea with assistance from
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- *

</p>

- * <p> Like {@link java.util.Hashtable} but unlike {@link HashMap}, this class
- * does *not* allow `null` to be used as a key or value.
- *
- * @param <K> the type of keys maintained by this map
- * @param <V> the type of mapped values
- * @author Doug Lea
- * /

Found in path(s):

- * /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/Utils/BoundedConcurrentHashMap.java

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```
<project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://maven.apache.org/POM/4.0.0"
  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>io.confluent</groupId>
  <artifactId>kafka-schema-registry-parent</artifactId>
  <version>7.5.1</version>
</parent>
```

```
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
```

```
<artifactId>kafka-schema-registry-client</artifactId>
<packaging>jar</packaging>
<name>kafka-schema-registry-client</name>
```

```
<dependencies>
  <dependency>
    <groupId>org.yaml</groupId>
    <artifactId>snakeyaml</artifactId>
  </dependency>
```

```

<dependency>
  <groupId>org.apache.kafka</groupId>
  <artifactId>kafka-clients</artifactId>
</dependency>
<dependency>
  <groupId>org.apache.avro</groupId>
  <artifactId>avro</artifactId>
</dependency>
<dependency>
  <groupId>org.apache.commons</groupId>
  <artifactId>commons-compress</artifactId>
</dependency>
<dependency>
  <groupId>com.fasterxml.jackson.core</groupId>
  <artifactId>jackson-databind</artifactId>
</dependency>
<dependency>
  <groupId>org.easymock</groupId>
  <artifactId>easymock</artifactId>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.mockito</groupId>
  <artifactId>mockito-core</artifactId>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.mockito</groupId>
  <artifactId>mockito-inline</artifactId>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>io.swagger.core.v3</groupId>
  <artifactId>swagger-annotations</artifactId>
</dependency>
<dependency>
  <groupId>com.google.guava</groupId>
  <artifactId>guava</artifactId>
</dependency>
<dependency>
  <groupId>com.google.guava</groupId>
  <artifactId>guava-testlib</artifactId>
  <version>${guava.version}</version>

```

```

    <scope>test</scope>
  </dependency>
</dependency>
  <groupId>org.mockito</groupId>
  <artifactId>mockito-core</artifactId>
  <scope>test</scope>
</dependency>
</dependencies>
</project>

```

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* /kafka-schema-registry-client-7-5-1-sources-jar/META-INF/maven/io.confluent/kafka-schema-registry-client/pom.xml

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* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/SchemaValidator.java

* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/SchemaValidationStrategy.java

* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/SchemaValidatorBuilder.java

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Found in path(s):

```

* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/avro/AvroSchemaProvider.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/utils/QualifiedSubject.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/annotations/Schema.java
*
/kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/annotations/SchemaReference.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/SchemaReference.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/ServerClusterId.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/client/rest/UriBuilder.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/utils/EnumRecommender.java
* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/utils/JacksonMapper.java
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Found in path(s):

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* /kafka-schema-registry-client-7-5-1-sources-jar/io/confluent/kafka/schemaregistry/CompatibilityChecker.java
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```

Found in path(s):

```

* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/SubjectVersion.java
* /kafka-schema-registry-client-7-5-1-sources-
jar/io/confluent/kafka/schemaregistry/client/rest/entities/SchemaTypeConverter.java

```

1.246 micronaut-websocket 4.3.7

1.246.1 Available under license :

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```

Found in path(s):

```

* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/WebSocketClient.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/ClientWebSocket.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/OnMessage.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/context/WebSocketBean.java
*

```

```

/micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/event/WebSocketSessionClosedEvent.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/bind/package-info.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/WebSocketVersion.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/bind/WebSocketStateBinder.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/event/WebSocketMessageProcessedEvent.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/exceptions/WebSocketException.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/interceptor/WebSocketSessionAware.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/exceptions/WebSocketClientException.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/WebSocketSession.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/package-info.java
*
/micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/bind/WebSocketState.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/OnError.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/event/WebSocketSessionOpenEvent.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/WebSocketComponent.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/interceptor/package-info.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/WebSocketBroadcaster.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/exceptions/WebSocketSessionException.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/bind/WebSocketStateBinderRegistry.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/context/WebSocketBeanRegistry.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/CloseReason.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/OnOpen.java
*
/micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/package-info.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/WebSocketMapping.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/event/package-info.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/event/WebSocketEvent.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/interceptor/ClientWebSocketInterceptor.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/context/DefaultWebSocketBeanRegistry.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/exceptions/package-info.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/ServerWebSocket.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/context/package-info.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/WebSocketClientRegistry.java
* /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/annotation/OnClose.java
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- * /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/WebSocketClientFactoryResolver.java
- * /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/WebSocketPongMessage.java
- * /micronaut-websocket-4-3-7-sources-jar/io/micronaut/websocket/WebSocketClientFactory.java

1.247 grpc-util 1.61.1

1.247.1 Available under license :

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- * /grpc-util-1-61-1-sources-jar/io/grpc/util/OutlierDetectionLoadBalancerProvider.java
- * /grpc-util-1-61-1-sources-jar/io/grpc/util/OutlierDetectionLoadBalancer.java

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* /grpc-util-1-61-1-sources-jar/io/grpc/util/ForwardingLoadBalancerHelper.java
* /grpc-util-1-61-1-sources-jar/io/grpc/util/ForwardingLoadBalancer.java
* /grpc-util-1-61-1-sources-jar/io/grpc/util/SecretRoundRobinLoadBalancerProvider.java
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* /grpc-util-1-61-1-sources-jar/io/grpc/util/AdvancedTlsX509TrustManager.java
* /grpc-util-1-61-1-sources-jar/io/grpc/util/CertificateUtils.java
* /grpc-util-1-61-1-sources-jar/io/grpc/util/AdvancedTlsX509KeyManager.java
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* /grpc-util-1-61-1-sources-jar/io/grpc/util/HealthProducerHelper.java
* /grpc-util-1-61-1-sources-jar/io/grpc/util/MultiChildLoadBalancer.java

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* /grpc-util-1-61-1-sources-jar/io/grpc/util/package-info.java

* /grpc-util-1-61-1-sources-jar/io/grpc/util/TransmitStatusRuntimeExceptionInterceptor.java

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* /grpc-util-1-61-1-sources-jar/io/grpc/util/MutableHandlerRegistry.java

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* /grpc-util-1-61-1-sources-jar/io/grpc/util/GracefulSwitchLoadBalancer.java
* /grpc-util-1-61-1-sources-jar/io/grpc/util/ForwardingSubchannel.java
* /grpc-util-1-61-1-sources-jar/io/grpc/util/ForwardingClientStreamTracer.java

```

1.248 common-config 7.5.1

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* /common-config-7-5-1-sources-jar/io/confluent/common/config/types/Password.java

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- * /common-config-7-5-1-sources-jar/io/confluent/common/config/ConfigDef.java
- * /common-config-7-5-1-sources-jar/io/confluent/common/config/AbstractConfig.java

1.249 perfmark-api 0.17.0

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- * /perfmark-api-0-17-0-sources-3-jar/io/perfmark/PerfMark.java
- * /perfmark-api-0-17-0-sources-3-jar/io/perfmark/Tag.java
- * /perfmark-api-0-17-0-sources-3-jar/io/perfmark/Link.java
- * /perfmark-api-0-17-0-sources-3-jar/io/perfmark/package-info.java
- * /perfmark-api-0-17-0-sources-3-jar/io/perfmark/Impl.java

1.250 opentelemetry-proto 0.18.0

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Found in path(s):

- * /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/trace/v1/trace.proto
- * /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/logs/v1/logs.proto
- * /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/trace/v1/trace_config.proto
- * /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/collector/trace/v1/trace_service.proto
- * /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/common/v1/common.proto
- * /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/metrics/v1/metrics.proto
- * /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/resource/v1/resource.proto
- * /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/collector/metrics/v1/metrics_service.proto
- *
- /opentelemetry-proto-0-18-0-alpha-jar/opentelemetry/proto/collector/logs/v1/logs_service.proto

1.251 failureaccess 1.0.1

1.252 hystrix-metrics-event-stream 1.5.18

1.253 jackson-datatype-joda 2.16.0

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1.254 hk2-utils 2.6.1

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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

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

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

* javax.servlet:javax.servlet-api

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

Oracle OpenJDK

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

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.260 feign-jackson 10.12

1.260.1 Available under license :

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

```
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Found in path(s):

* /feign-jackson-10-12-sources-3-jar/feign/jackson/JacksonDecoder.java
* /feign-jackson-10-12-sources-3-jar/feign/jackson/JacksonEncoder.java
* /feign-jackson-10-12-sources-3-jar/feign/jackson/JacksonIteratorDecoder.java
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* /feign-jackson-10-12-sources-3-jar/META-INF/maven/io.github.openfeign/feign-jackson/pom.xml

1.261 kotlin 1.8.21

1.261.1 Available under license :

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1.262 aopalliance-repackaged 2.6.1

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* /netty-handler-proxy-4-1-109-final-sources-jar/META-INF/maven/io.netty/netty-handler-proxy/pom.xml

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* /netty-handler-proxy-4-1-109-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
* /netty-handler-proxy-4-1-109-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
* /netty-handler-proxy-4-1-109-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
*

/netty-handler-proxy-4-1-109-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java
* /netty-handler-proxy-4-1-109-final-sources-jar/io/netty/handler/proxy/package-info.java
* /netty-handler-proxy-4-1-109-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
* /netty-handler-proxy-4-1-109-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java

1.264 scala 2.12.8

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```
class C {  
  val x: ((Int, Int) => Int) = (((a, b)) => a)  
  val y: ((Int, Int, Int) => Int) = (((a, !)) => a)  
  val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
```

}

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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)
```

^

three errors found

```
{% if site.thisScalaVersion != site.latestScalaVersion %}
```

```
<div class="version-notice">This is the specification of a previous version of Scala. See the <a href="{ {  
site.baseurl} }"/>{ { site.latestScalaVersion } }"/>Scala { { site.latestScalaVersion } } spec</a>.</div>
```

```
{% endif %}
```

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1.265 j2objc-annotations 2.8

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Found in path(s):

```
*/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/OnDealloc.java
*/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/J2ObjCIncompatible.java
*/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/LoopTranslation.java
*/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/RetainedLocalRef.java
*/
/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/ReflectionSupport.java
*/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/Property.java
*/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/WeakOuter.java
*/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/RetainedWith.java
*/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/ObjectiveCName.java
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- * /j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/AutoreleasePool.java

1.266 jackson-module-guice 2.16.0

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1.267 log4j-api 2.17.2

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1.268 dropwizard-validation 2.1.2

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1.269 gson 2.8.9

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- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/TreeTypeAdapter.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/DateTypeAdapter.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/ConstructorConstructor.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java
- *

- /gson-2-8-9-sources-2-jar/com/google/gson/internal/UnsafeAllocator.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/LazilyParsedNumber.java

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- * /gson-2-8-9-sources-2-jar/com/google/gson/JsonStreamParser.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/LongSerializationPolicy.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/FieldAttributes.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/JsonParser.java

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- * /gson-2-8-9-sources-2-jar/com/google/gson/JsonElement.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/JsonObject.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/JsonArray.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/FieldNamingStrategy.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/annotations/SerializedName.java
- *
- * /gson-2-8-9-sources-2-jar/com/google/gson/JsonDeserializationContext.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/Excluder.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/FieldNamingPolicy.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/\$Gson\$Preconditions.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
- * /gson-2-8-9-sources-2-jar/com/google/gson/JsonSerializationContext.java

* /gson-2-8-9-sources-2-jar/com/google/gson/JsonParseException.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/ObjectConstructor.java
* /gson-2-8-9-sources-2-jar/com/google/gson/Gson.java
* /gson-2-8-9-sources-2-jar/com/google/gson/JsonIOException.java
* /gson-2-8-9-sources-2-jar/com/google/gson/reflect/TypeToken.java
* /gson-2-8-9-sources-2-jar/com/google/gson/JsonDeserializer.java
* /gson-2-8-9-sources-2-jar/com/google/gson/annotations/Expose.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/Primitives.java
* /gson-2-8-9-sources-2-jar/com/google/gson/GsonBuilder.java

*
/gson-2-8-9-sources-2-jar/com/google/gson/JsonSerializer.java
* /gson-2-8-9-sources-2-jar/com/google/gson/annotations/Since.java
* /gson-2-8-9-sources-2-jar/com/google/gson/JsonPrimitive.java
* /gson-2-8-9-sources-2-jar/com/google/gson/ExclusionStrategy.java
* /gson-2-8-9-sources-2-jar/com/google/gson/annotations/Until.java
* /gson-2-8-9-sources-2-jar/com/google/gson/InstanceCreator.java
* /gson-2-8-9-sources-2-jar/com/google/gson/JsonNull.java

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* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/JsonTreeReader.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java
*
/gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java
* /gson-2-8-9-sources-2-jar/com/google/gson/TypeAdapterFactory.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/JsonReaderInternalAccess.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/TypeAdapters.java
* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java
* /gson-2-8-9-sources-2-jar/com/google/gson/TypeAdapter.java

* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/JsonTreeWriter.java

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* /gson-2-8-9-sources-2-jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java

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* /gson-2-8-9-sources-2-jar/com/google/gson/internal/reflect/PreJava9ReflectionAccessor.java

* /gson-2-8-9-sources-2-jar/com/google/gson/internal/reflect/ReflectionAccessor.java

* /gson-2-8-9-sources-2-jar/com/google/gson/internal/reflect/UnsafeReflectionAccessor.java

* /gson-2-8-9-sources-2-jar/com/google/gson/internal/PreJava9DateFormatProvider.java

*

/gson-2-8-9-sources-2-jar/com/google/gson/internal/JavaVersion.java

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* /gson-2-8-9-sources-2-jar/com/google/gson/internal/GsonBuildConfig.java

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1.272 tre 1.2.4_git20230717-r4

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1.274 jackson 2.15.4

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1.278 paranamer 2.8

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- * /paranamer-2-8-sources-jar/com/thoughtworks/paranamer/DefaultParanamer.java
- * /paranamer-2-8-sources-jar/com/thoughtworks/paranamer/NullParanamer.java
- * /paranamer-2-8-sources-jar/com/thoughtworks/paranamer/AdaptiveParanamer.java
- * /paranamer-2-8-sources-jar/com/thoughtworks/paranamer/ParameterNamesNotFoundException.java
- * /paranamer-2-8-sources-jar/com/thoughtworks/paranamer/CachingParanamer.java

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1.279 bouncycastle-fips 2.0.0

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1.280 feign-core 10.12

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* /feign-core-10-12-sources-jar/feign/querymap/BeanQueryMapEncoder.java
* /feign-core-10-12-sources-jar/feign/SynchronousMethodHandler.java
* /feign-core-10-12-sources-jar/feign/optionals/OptionalDecoder.java
* /feign-core-10-12-sources-jar/feign/Util.java
* /feign-core-10-12-sources-jar/feign/QueryMap.java
* /feign-core-10-12-sources-jar/feign/template/QueryTemplate.java
*
/feign-core-10-12-sources-jar/feign/CollectionFormat.java
* /feign-core-10-12-sources-jar/feign/Feign.java
* /feign-core-10-12-sources-jar/feign/Request.java
* /feign-core-10-12-sources-jar/feign/codec/DecodeException.java
* /feign-core-10-12-sources-jar/feign/Param.java
* /feign-core-10-12-sources-jar/feign/auth/Base64.java
* /feign-core-10-12-sources-jar/feign/InvocationHandlerFactory.java
* /feign-core-10-12-sources-jar/feign/template/Literal.java
* /feign-core-10-12-sources-jar/feign/Logger.java
* /feign-core-10-12-sources-jar/feign/template/UriUtils.java
* /feign-core-10-12-sources-jar/feign/template/BodyTemplate.java
* /feign-core-10-12-sources-jar/feign/AsyncClient.java
* /feign-core-10-12-sources-jar/feign/Capability.java
* /feign-core-10-12-sources-jar/feign/AsyncResponseHandler.java
* /feign-core-10-12-sources-jar/feign/template/Expressions.java
* /feign-core-10-12-sources-jar/feign/Client.java
* /feign-core-10-12-sources-jar/feign/codec/Encoder.java
*
/feign-core-10-12-sources-jar/feign/Response.java
* /feign-core-10-12-sources-jar/feign/FeignException.java
* /feign-core-10-12-sources-jar/feign/ExceptionPropagationPolicy.java
* /feign-core-10-12-sources-jar/feign/Contract.java
* /feign-core-10-12-sources-jar/feign/AsyncJoinException.java
* /feign-core-10-12-sources-jar/feign/template/HeaderTemplate.java
* /feign-core-10-12-sources-jar/feign/RequestTemplate.java
* /feign-core-10-12-sources-jar/feign/AsyncInvocation.java
* /feign-core-10-12-sources-jar/feign/Target.java
* /feign-core-10-12-sources-jar/feign/template/Template.java
* /feign-core-10-12-sources-jar/feign/QueryMapEncoder.java
* /feign-core-10-12-sources-jar/feign/ResponseMapper.java
* /feign-core-10-12-sources-jar/feign/Types.java

- * /feign-core-10-12-sources-jar/feign/codec/StringDecoder.java
- * /feign-core-10-12-sources-jar/feign/template/Expression.java
- * /feign-core-10-12-sources-jar/feign/Headers.java
- * /feign-core-10-12-sources-jar/feign/HeaderMap.java
- *
- /feign-core-10-12-sources-jar/feign/ReflectiveAsyncFeign.java
- * /feign-core-10-12-sources-jar/feign/ReflectiveFeign.java
- * /feign-core-10-12-sources-jar/feign/querymap/FieldQueryMapEncoder.java
- * /feign-core-10-12-sources-jar/feign/Experimental.java
- * /feign-core-10-12-sources-jar/feign/auth/BasicAuthRequestInterceptor.java
- * /feign-core-10-12-sources-jar/feign/Retryer.java
- * /feign-core-10-12-sources-jar/feign/DefaultMethodHandler.java
- * /feign-core-10-12-sources-jar/feign/RequestInterceptor.java
- * /feign-core-10-12-sources-jar/feign/RequestLine.java
- * /feign-core-10-12-sources-jar/feign/template/UriTemplate.java
- * /feign-core-10-12-sources-jar/feign/codec/EncodeException.java
- * /feign-core-10-12-sources-jar/feign/DeclarativeContract.java
- * /feign-core-10-12-sources-jar/feign/AsyncFeign.java
- * /feign-core-10-12-sources-jar/feign/stream/StreamDecoder.java
- * /feign-core-10-12-sources-jar/feign/Body.java
- * /feign-core-10-12-sources-jar/feign/RetryableException.java
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- /feign-core-10-12-sources-jar/feign/template/TemplateChunk.java
- * /feign-core-10-12-sources-jar/feign/MethodMetadata.java
- * /feign-core-10-12-sources-jar/feign/codec/ErrorDecoder.java
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1.281 classmate 1.5.1

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

1.282 feign-httpclient 10.12

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1.283 snake-yaml 2.1

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1.284 jetty-setuid-java 1.0.4

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Found in path(s):

- * /jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUIDListener.java
- * /jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUIDServer.java
- * /jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUID.java
- * /jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/Group.java
- * /jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/RLimit.java
- * /jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/Passwd.java

1.285 micronaut-http-client-core 4.3.7

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Found in path(s):

* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ProxyRequestOptions.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/HttpVersionSelection.java
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Found in path(s):

* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/sse/package-info.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ProxyHttpClientFactoryResolver.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/StreamingHttpClientFactory.java
*
/micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/binders/HeaderClientRequestBinder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/binders/QueryValueClientArgumentRequestBinder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ProxyHttpClientFactory.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/binders/VersionClientRequestBinder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/HttpClientFactoryResolver.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/binders/AttributeClientRequestBinder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/ClientRequestBinder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/sse/SseClientFactory.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/sse/SseClientFactoryResolver.java
*
/micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/HttpClientFactory.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/StreamingHttpClientFactoryResolver.java

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Found in path(s):

```
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/exceptions/HttpClientExceptionUtils.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/exceptions/ResponseClosedException.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/AbstractHttpClientFactory.java
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```
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/bind/AnnotatedClientArgumentRequestBinder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/HttpClient.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/exceptions/HttpClientResponseException.java
*
```

```

/micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/filter/ClientFilterResolutionContext.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ServiceHttpClientConfiguration.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/loadbalance/FixedLoadBalancer.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/filters/package-info.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/sse/SseClientRegistry.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ReactiveClientResultTransformer.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/loadbalance/ServiceInstanceListLoadBalancerFactory.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/exceptions/ContentLengthExceededException.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/loadbalance/AbstractRoundRobinLoadBalancer.java
*
/micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/DefaultHttpClientBinderRegistry.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/package-info.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/Part.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/loadbalance/DiscoveryClientRoundRobinLoadBalancer.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/HttpClientBinderRegistry.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/BlockingHttpClient.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/StreamingHttpClientRegistry.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/filters/ClientServerContextFilter.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/loadbalance/DiscoveryClientLoadBalancerFactory.java
*
/micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/StreamingHttpClient.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/MultipartDataFactory.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/package-info.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/DefaultHttpClientConfiguration.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/HttpClientRegistry.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/AbstractFilePart.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/loadbalance/package-info.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/DefaultLoadBalancerResolver.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/StringPart.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ServiceHttpClientFactory.java
*
/micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/FilePart.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ProxyHttpClientRegistry.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/InputStreamPart.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/MultipartBody.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ProxyHttpClient.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/ServiceHttpClientCondition.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/AnnotatedClientRequestBinder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/exceptions/HttpClientErrorDecoder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/loadbalance/LoadBalancerConverters.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/multipart/BytePart.java
*

```

```

/micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/LoadBalancer.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/interceptor/configuration/ClientVersioningConfiguration.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/exceptions/ReadTimeoutException.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/filter/DefaultHttpClientFilterResolver.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/filters/ClientServerRequestTracingPublisher.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/exceptions/HttpClientException.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/sse/SseClient.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/interceptor/configuration/DefaultClientVersioningConfiguration.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/ClientArgumentRequestBinder.java
*
/micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/interceptor/HttpClientIntroductionAdvice.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/LoadBalancerResolver.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/interceptor/package-info.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/exceptions/NoHostException.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/HttpClientConfiguration.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/exceptions/package-info.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/bind/TypedClientArgumentRequestBinder.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/annotation/package-info.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/interceptor/configuration/NamedClientVersioningConfiguration.java
*
/micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/interceptor/configuration/package-info.java
* /micronaut-http-client-core-4-3-7-sources-
jar/io/micronaut/http/client/loadbalance/ServiceInstanceListRoundRobinLoadBalancer.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/exceptions/EmptyResponseException.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/annotation/Client.java
* /micronaut-http-client-core-4-3-7-sources-jar/io/micronaut/http/client/bind/ClientRequestUriContext.java

```

1.286 grpc-okhttp 1.61.1

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* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpServerTransport.java
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* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/SslSocketFactoryServerCredentials.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/TlsServerHandshakerSocketFactory.java
*
/grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpServerStream.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/PlaintextHandshakerSocketFactory.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpServerBuilder.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/InternalOkHttpServerBuilder.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/HandshakerSocketFactory.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpServer.java
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```

* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/framed/Variant.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/framed/ErrorCode.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/framed/Hpack.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/proxy/Request.java
*
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/framed/HeadersMode.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/framed/Http2.java
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```
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpClientTransport.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpSettingsUtil.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpClientStream.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpTlsUpgrader.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/Utils.java
*
/grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/Headers.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OutboundFlowController.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpReadableBuffer.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpChannelBuilder.java
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* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/framed/FrameReader.java

* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/framed/FrameWriter.java

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* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/Headers.java

*

/grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/OptionalMethod.java

* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/DistinguishedNameParser.java

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```
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/Credentials.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/Protocol.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/CipherSuite.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/ConnectionSpec.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/internal/TlsVersion.java
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```
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```

* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/InternalOkHttpChannelBuilder.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/SslSocketFactoryChannelCredentials.java
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Found in path(s):

```

* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/AsyncSink.java
* /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/ExceptionHandlingFrameWriter.java
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- * /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpChannelProvider.java
- * /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpWritableBuffer.java
- * /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpWritableBufferAllocator.java
- * /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/OkHttpProtocolNegotiator.java
- *
- /grpc-okhttp-1-61-1-sources-jar/io/grpc/okhttp/package-info.java

1.287 hystrix-codahale-metrics-publisher

1.5.18

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- * /hystrix-codahale-metrics-publisher-1-5-18-sources-1-jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisher.java
- * /hystrix-codahale-metrics-publisher-1-5-18-sources-1-jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherCollapser.java
- * /hystrix-codahale-metrics-publisher-1-5-18-sources-1-

```
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherCommand.java
*
/hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherThreadPool.java
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```
* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/ConfigurableCodaHaleMetricFilter.java
```

1.288 kotlinpoet 1.12.0

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1.289 httpcomponents-client 4.5.13

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```

```

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*/
/**
 * Set the maximum number of bytes for the certificate chain during handshake.
 * See
 * <a
href="https://www.openssl.org/docs/man1.1.1/man3/SSL_CTX_set_max_cert_list.html">SSL_CTX_set_max_cert_
list</a>
 * for more details.
 * @param ctx context to use
 * @param size the maximum number of bytes
 */

```

Found in path(s):

* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SSLContext.java

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 */

```

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* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/CertificateCallback.java

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*/

Found in path(s):

* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/CertificateRequestedCallback.java
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SessionTicketKey.java
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*/

Found in path(s):

```
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/AsyncTask.java
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/AsyncSSLPrivateKeyMethod.java
* /netty-tcnative-classes-2-0-65-final-sources-
jar/io/netty/internal/tcnative/AsyncSSLPrivateKeyMethodAdapter.java
*
/netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/ResultCallback.java
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*/
```

Found in path(s):

```
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SSLSession.java
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SSLSessionCache.java
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```

Found in path(s):

```
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/CertificateCallbackTask.java
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/CertificateVerifierTask.java
```

```
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SSLTask.java
*
/netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodTask.java
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodSignTask.java
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodDecryptTask.java
* /netty-tcnative-classes-2-0-65-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethod.java
```

1.291 guice-bridge 2.5.0

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-->

Found in path(s):

```
* /guice-bridge-2-5-0-sources-1-jar/pom.xml
```

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```
/*
```

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```
*
```

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*/

Found in path(s):

* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/HK2ToGuiceTypeListenerImpl.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/HK2Inject.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceToHk2JITResolver.java
*
/guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceBridge.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceBridgeImpl.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceServiceHk2Bean.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceIntoHK2BridgeImpl.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceScopeContext.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/HK2IntoGuiceBridge.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceIntoHK2Bridge.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceScope.java

1.292 aop-alliance 2.6.1

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{\fonttbl{\f0\froman\fcharset0 Times-Roman;\f1\fmmodern\fcharset0 Courier;}}
{\colortbl;\red255\green255\blue255;\red0\green0\blue0;}
{\*\expandedcolortbl;;\cssrgb\c0\c0\c0;}
\paperw11900\paperh16840\margl1440\margr1440\vieww10800\viewh8400\viewkind0
\defstab720
\pard\pardefstab720\sl280\partightenfactor0
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\f0\fs24 \cf2 \expnd0\expndtw0\kerning0
\outl0\strokewidth0 \strokec2 This XML file does not appear to have any style information associated with it. The
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):

* /aopalliance-2-6-1-zip/aopalliance-2.6.1.rtf

1.293 dropwizard-logging 2.1.2

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```

/*
 * Logback: the reliable, generic, fast and flexible logging framework.
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 */

```

Found in path(s):

* /dropwizard-logging-2-1-2-sources-jar/io/dropwizard/logging/ResilientOutputStreamBase.java

1.294 guava 32.0.1-jre

1.294.1 Available under license :

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1.295 vavr 0.10.2

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1.296 javassist 3.25.0-GA

1.296.1 Available under license :

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```
/*
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 */
```

Found in path(s):

```
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/web/Viewer.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/CtPrimitiveType.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/MethodInfo.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/AccessorMaker.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Lex.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Executor.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/ByteArrayClassPath.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Symbol.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Pair.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LocalVariableTypeAttribute.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/MultiArrayType.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/JvstTypeChecker.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CondExpr.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformReadField.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/DefineClassHelper.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/AppletServer.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/MethodCall.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/MapMaker.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/StackMapTable.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/Loader.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Visitor.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObjectOutputStream.java
```


- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Javac.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CodeConverter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ByteArray.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/Translator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/ClassMetaobject.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AccessFlag.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ASTree.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/StackMap.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Metalevel.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/NotFoundException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Variable.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/DeprecatedAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ASTList.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ClassFilePrinter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/Sample.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/AssignExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/ClassClassPath.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Bytecode.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/MethodHandler.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Expr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ConstPool.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyFactory.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/MethodDecl.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/InnerClassesAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/TokenId.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/MemberResolver.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtClassType.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Declarator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/NoSuchClassError.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewMethod.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewConstructor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/ControlFlow.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/RemoteRef.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/Proxy.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/LoaderClassPath.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/StringL.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Descriptor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Metaobject.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/CodeGen.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ArrayInit.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Frame.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/FieldInfo.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationImpl.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewClass.java

- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObject.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/TypeTag.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/SubroutineScanner.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/NoFieldException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtMember.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/ConstructorCall.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/SoftValueHashMap.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/runtime/DotClass.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/IntQueue.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/ClassPool.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/URLClassPath.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/SyntheticAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/ExprEditor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ProceedHandler.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformNew.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformAccessArrayField.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AttributeInfo.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Subroutine.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtField.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/DefinePackageHelper.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LineNumberAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Expr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ClassFile.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/Modifier.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationsWriter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/SyntaxError.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/framedump.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ByteStream.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformFieldAccess.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/web/BadHttpRequest.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/RemoteException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/BasicBlock.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformCall.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/SignatureAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/Callback.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/CannotCreateException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/JvstCodeGen.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformBefore.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Cflow.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/BadBytecode.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/TypeData.java
- *

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/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ExceptionsAttribute.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AnnotationsAttribute.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/MethodFilter.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/DuplicateMemberException.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/NestHostAttribute.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPool.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/ClassPoolTail.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/ClassPath.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/util/HotSwapper.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformNewClass.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/SourceFileAttribute.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/SecurityActions.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/TypeChecker.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/ClassMap.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/FieldDecl.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LongVector.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/web/Webserver.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/CtMethod.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ClassFileWriter.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Stmnt.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Sample.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/RuntimeSupport.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/SerializedProxy.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/util/HotSwapAgent.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Parser.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/NewArray.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/IntConst.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Reflection.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/MemberCodeGen.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/ObjectImporter.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolRepository.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/convert/Transformer.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Cast.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/CannotInvokeException.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ConstantAttribute.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformWriteField.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/CtBehavior.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/SymbolTable.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/MultiType.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/TypedBlock.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Keyword.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/Tracer.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Member.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/NewExpr.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Desc.java

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- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewWrappedConstructor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/FactoryHelper.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/NewExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtConstructor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/ObjectNotFoundException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Mnemonic.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CastExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/EnclosingMethodAttribute.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/CtArray.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/CompileError.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/FramePrinter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CannotCompileException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformAfter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Analyzer.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ExceptionTable.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/StubGenerator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/DoubleConst.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeAnalyzer.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/BinExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Util.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/Proxy.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Type.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewWrappedMethod.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObjectInputStream.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/KeywordTable.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/NestMembersAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/InstructionPrinter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LocalVariableAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/CannotReflectException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CallExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Compiler.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/Dump.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeIterator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Instanceof.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AnnotationDefaultAttribute.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Inner.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolFactory.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Opcode.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Loader.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Handler.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtClass.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/InstanceOfExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/SerialVersionUID.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/FieldAccess.java

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```

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```
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/MemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/EnumMemberValue.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ClassMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/StringMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/LongMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/FloatMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/CharMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ShortMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/Annotation.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/DoubleMemberValue.java
```

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1.303 netty-transport-classes-epoll

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jar/io/netty/channel/epoll/EpollDomainDatagramChannelConfig.java
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* /netty-transport-classes-epoll-4-1-109-final-sources-
jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java
*
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/netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java
* /netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
* /netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java
* /netty-transport-classes-epoll-4-1-109-final-sources-
jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/EpollEventArray.java
* /netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
* /netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.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.
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* /netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java
*
* /netty-transport-classes-epoll-4-1-109-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.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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/**
 * Set the {@code TCP_QUICKACK} option on the socket.
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```
* /common-utils-7-5-1-sources-jar/io/confluent/common/utils/PerformanceStats.java
* /common-utils-7-5-1-sources-jar/io/confluent/common/utils/AbstractPerformanceTest.java
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* /common-utils-7-5-1-sources-jar/io/confluent/common/utls/MockTime.java
* /common-utils-7-5-1-sources-jar/io/confluent/common/utls/Utils.java
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* /common-utils-7-5-1-sources-jar/io/confluent/common/Utils/TestUtils.java

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1.305 httpcore-nio 4.4.13

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1.306 commons-lang3 3.8.1

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1.307 jaxb-api 2.4.0-b180830.0359

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1.309 kafka-schema-serializer 7.5.1

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* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/WrapperKeyDeserializer.java
* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/WrapperKeySerializerConfig.java
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* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/formatter/SchemaMessageDeserializer.java
* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/formatter/SchemaMessageSerializer.java
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  xmlns="http://maven.apache.org/POM/4.0.0"
  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>io.confluent</groupId>
    <artifactId>kafka-schema-registry-parent</artifactId>
    <version>7.5.1</version>
  </parent>

  <licenses>
    <license>
```

```

        <name>Apache License 2.0</name>
        <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
        <distribution>repo</distribution>
    </license>
</licenses>

<artifactId>kafka-schema-serializer</artifactId>
<packaging>jar</packaging>
<name>kafka-schema-serializer</name>

<dependencies>
    <dependency>
        <groupId>org.apache.kafka</groupId>
        <artifactId>kafka_${kafka.scala.version}</artifactId>
        <scope>provided</scope>
    </dependency>
    <dependency>
        <groupId>io.confluent</groupId>
        <artifactId>kafka-schema-registry-client</artifactId>
        <version>${io.confluent.schema-registry.version}</version>
    </dependency>
    <dependency>
        <groupId>junit</groupId>
        <artifactId>junit</artifactId>
        <scope>test</scope>
    </dependency>
</dependencies>
</project>

```

Found in path(s):

* /kafka-schema-serializer-7-5-1-sources-jar/META-INF/maven/io.confluent/kafka-schema-serializer/pom.xml

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 */

```

Found in path(s):

```
* /kafka-schema-serializer-7-5-1-sources-  
jar/io/confluent/kafka/serializers/subject/strategy/ReferenceSubjectNameStrategy.java  
* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/subject/TopicNameStrategy.java  
* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/subject/SubjectNameStrategy.java  
*  
/kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/AbstractKafkaSchemaSerDe.java  
* /kafka-schema-serializer-7-5-1-sources-  
jar/io/confluent/kafka/serializers/subject/DefaultReferenceSubjectNameStrategy.java  
* /kafka-schema-serializer-7-5-1-sources-  
jar/io/confluent/kafka/serializers/subject/strategy/SubjectNameStrategy.java  
* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/AbstractKafkaSchemaSerDeConfig.java  
* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/subject/RecordNameStrategy.java  
* /kafka-schema-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/subject/TopicRecordNameStrategy.java
```

1.310 activation-api 1.2.0

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1.312 micronaut-aop 4.3.7

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1.313 jetty-continuation 9.4.54.v20240208

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

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

Oracle OpenJDK

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

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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

1.315 scala-java8-compat_2.12 0.9.1

1.315.1 Available under license :

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```
/*
 * Scala (https://www.scala-lang.org)
 *
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 */
```

Found in path(s):

```
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/collectionImpl/AccumulatorLike.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsMap.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsIndexedSeq.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/PrimitiveIteratorConversions.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsIterable.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/SpliteratorConverters.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/ScalaStreamSupport.java
*
/scale-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/collectionImpl/Accumulator.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsLikeTrieIterator.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsIterator.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsLikeSliced.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/WrapperTraits.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/MakesSteppers.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsLikeGapped.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/StreamConverters.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/collectionImpl/DoubleAccumulator.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/wrappers/IteratorPrimitiveDoubleWrapper.java
*
/scale-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsImmHashMap.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepConverters.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsLikeIndexed.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsWithTail.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsRange.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/Accumulates.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsBitSet.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsArray.scala
```



```

* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsLikeImmHashMap.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/collectionImpl/Stepper.scala
*
/scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/runtime/LambdaDeserializer.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/runtime/CollectionInternals.java
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsLikeIterator.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/OptionConverters.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsHashTable.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/collectionImpl/LongAccumulator.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/concurrent/java8/FutureConvertersImpl.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/DurationConverters.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/AccumulatorConverters.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsFlatHashTable.scala
*
/scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsLinearSeq.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsString.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/wrappers/IteratorPrimitiveLongWrapper.java
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/collectionImpl/IntAccumulator.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/FutureConverters.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsVector.scala
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/wrappers/IteratorPrimitiveIntWrapper.java
* /scala-java8-compat-2-11-0-9-1-sources-2-jar/scala/compat/java8/converterImpl/StepsImmHashSet.scala

```

1.316 reactive-streams 1.0.3

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```

Found in path(s):

```

* /reactive-streams-1-0-3-sources-3-jar/org/reactivestreams/Publisher.java
* /reactive-streams-1-0-3-sources-3-jar/org/reactivestreams/FlowAdapters.java
* /reactive-streams-1-0-3-sources-3-jar/org/reactivestreams/Processor.java
*
/reactive-streams-1-0-3-sources-3-jar/org/reactivestreams/Subscription.java
* /reactive-streams-1-0-3-sources-3-jar/org/reactivestreams/Subscriber.java

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1.317 jetty-webapp 9.4.54.v20240208

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

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

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

Oracle

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

* javax.servlet:javax.servlet-api

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

Oracle OpenJDK

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

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

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

OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.318 xml-apis 1.4.01

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* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-jsptaglibrary_1_2.dtd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-jsptaglibrary_1_1.dtd

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* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-app_3_1.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jsp_2_1.xsd

*

/jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_web_services_client_1_3.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jsp_2_3.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-fragment_4_0.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_5.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_web_services_client_1_4.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_web_services_1_4.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-jsptaglibrary_2_0.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_web_services_client_1_2.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_web_services_1_2.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-app_2_5.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/j2ee_1_4.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-app_3_0.xsd

*

/jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-jsptaglibrary_2_1.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_8.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-app_4_0.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_7.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jsp_2_0.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/j2ee_web_services_1_1.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_web_services_1_3.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-common_3_0.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-app_2_4.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/javaee_6.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-common_4_0.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jsp_2_2.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/j2ee_web_services_client_1_1.xsd
*
/jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-fragment_3_0.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-common_3_1.xsd
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CONFIDENTIAL flag will indicate that the use of SSL is
<xsd:enumeration value="CONFIDENTIAL"/>

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requires that the data sent between the client and server
be sent in
such a way that it can't be changed in transit. CONFIDENTIAL means
that the application requires that the data be transmitted in a
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be sent in
such a way that it can't be changed in transit. CONFIDENTIAL means
that the application requires that the data be transmitted in a
fashion that prevents other entities from observing the contents of
the transmission. In most cases, the presence of the INTEGRAL or
CONFIDENTIAL flag will indicate that the use of SSL is required.

Used in: user

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* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-fragment_6_0.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-app_6_0.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jakartaee_10.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jakartaee_web_services_client_2_0.xsd
* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jsp_3_1.xsd
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CONFIDENTIAL flag will indicate that the use of SSL is

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* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/LocalStrings_ja.properties

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/http/LocalStrings_fr.properties

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/http/LocalStrings_ja.properties

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/http/LocalStrings_es.properties

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/LocalStrings_fr.properties

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/http/LocalStrings.properties

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* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jakartaee_9.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/jsp_3_0.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-fragment_5_0.xsd

* /jakarta-servlet-api-6-0-0-jar/jakarta/servlet/resources/web-app_5_0.xsd

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Manifest-Version: 1.0

Created-By: Apache Maven Bundle Plugin

Build-Jdk-Spec: 11

Bnd-LastModified: 1652339954197

Build-Jdk: 11.0.2

Built-By: jenkins

Bundle-Description: Jakarta Servlet 6.0

Bundle-DocURL: <https://www.eclipse.org>

Bundle-License: <http://www.eclipse.org/legal/epl-2.0>, <https://www.gnu.org/software/classpath/license.html>

Bundle-ManifestVersion: 2

Bundle-Name: Jakarta Servlet

Bundle-SymbolicName: jakarta.servlet-api

Bundle-Vendor: Eclipse Foundation

Bundle-Version: 6.0.0

Export-Package: jakarta.servlet;uses:="jakarta.servlet.annotation,jakarta.servlet.descriptor";version="6.0.0",jakarta.servlet.annotation;uses:="jakarta.servlet";version="6.0.0",jakarta.servlet.descriptor;version="6.0.0",jakarta.servlet.http;uses:="jakarta.servlet";version="6.0.0",jakarta.servlet.resources;version="6.0.0"

Extension-Name: jakarta.servlet

Implementation-Vendor: Eclipse Foundation

Implementation-Vendor-Id: org.eclipse

Implementation-Version:

6.0.0

Import-Package: jakarta.servlet,jakarta.servlet.annotation,jakarta.servl

et.descriptor

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=11))"

Specification-Vendor: Eclipse Foundation

Specification-Version: 6.0

Tool: Bnd-5.1.1.202006162103

Found in path(s):

* /jakarta-servlet-api-6-0-0-jar/META-INF/MANIFEST.MF

1.320 openssl 3.1.4-r6

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 */
```

Found in path(s):

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* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/media/DiscriminatorMapping.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/security/SecurityRequirements.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/OpenAPIDefinition.java
*
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/Operation.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/media/Schema.java
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* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/media/Encoding.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/callbacks/Callbacks.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/callbacks/Callback.java
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* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/servers/Servers.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/media/ExampleObject.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/parameters/RequestBody.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/responses/ApiResponseResponses.java
* /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/servers/Server.java
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- * /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/extensions/Extensions.java
- * /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/Parameter.java
- * /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/security/OAuthFlow.java
- * /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/responses/ApiResponse.java
- * /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/tags/Tags.java
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- /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/servers/ServerVariable.java
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- * /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/info/Info.java
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- * /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/Parameters.java
- * /swagger-annotations-2-0-8-sources-1-jar/io/swagger/v3/oas/annotations/security/SecuritySchemes.java
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```
* /picocontainer-2-15-sources-jar/org/picocontainer/ComponentAdapter.java
* /picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/JavaEE5LifecycleStrategy.java
* /picocontainer-2-15-sources-jar/org/picocontainer/Converters.java
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* /picocontainer-2-15-sources-jar/org/picocontainer/visitors/VerifyingVisitor.java
* /picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/DefaultLifecycleState.java
* /picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/CompositeLifecycleStrategy.java
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* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/PrimitiveMemberChecker.java
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* Idea by Rachel Davies, Original code by Jon Tirsen *

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Found in path(s):

* /picocontainer-2-15-sources-jar/org/picocontainer/parameters/ConstantParameter.java
* /picocontainer-2-15-sources-jar/org/picocontainer/Parameter.java
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Found in path(s):

* /picocontainer-2-15-sources-jar/org/picocontainer/monitors/NullComponentMonitor.java

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Found in path(s):

- * /picocontainer-2-15-sources-jar/org/picocontainer/Disposable.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/Startable.java

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Found in path(s):

- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/ProviderAdapter.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/ComponentLifecycle.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/security/CustomPermissionsURLClassLoader.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/ComponentMonitorStrategy.java
- *
- /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Stored.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/FactoryInjector.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/references/SimpleReference.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Guarded.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/Provider.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/CompositeInjector.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/Injector.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/InjectInto.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/references/ThreadLocalMapObjectReference.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/CompositeInjection.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/Injector.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/MultiInjector.java
- *
- /picocontainer-2-15-sources-jar/org/picocontainer/ObjectReference.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Decorated.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/Reinjection.java

```
* /picocontainer-2-15-sources-jar/org/picocontainer/references/ThreadLocalReference.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/Reinjector.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/MultiInjection.java
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Found in path(s):

```
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/AnnotatedFieldInjection.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/NamedFieldInjector.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Automated.java
*
/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Locked.java
* /picocontainer-2-15-sources-jar/org/picocontainer/NameBinding.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/AdaptingBehavior.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/PropertyApplicator.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/AnnotatedFieldInjector.java
* /picocontainer-2-15-sources-jar/org/picocontainer/monitors/LifecycleComponentMonitor.java
* /picocontainer-2-15-sources-jar/org/picocontainer/PicoContainer.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Automating.java
* /picocontainer-2-15-sources-jar/org/picocontainer/ComponentFactory.java
* /picocontainer-2-15-sources-jar/org/picocontainer/adapters/AbstractAdapter.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/Injectors.java
* /picocontainer-2-15-sources-jar/org/picocontainer/Characteristics.java
*
/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/PropertyApplying.java
* /picocontainer-2-15-sources-jar/org/picocontainer/annotations/Inject.java
* /picocontainer-2-15-sources-jar/org/picocontainer/containers/TransientPicoContainer.java
* /picocontainer-2-15-sources-jar/org/picocontainer/DefaultPicoContainer.java
* /picocontainer-2-15-sources-jar/org/picocontainer/lifecycle/NullLifecycleStrategy.java
* /picocontainer-2-15-sources-jar/org/picocontainer/parameters/BasicComponentParameter.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Synchronizing.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/NamedMethodInjector.java
* /picocontainer-2-15-sources-jar/org/picocontainer/PicoVerificationException.java
* /picocontainer-2-15-sources-jar/org/picocontainer/PicoException.java
* /picocontainer-2-15-sources-jar/org/picocontainer/annotations/Cache.java
* /picocontainer-2-15-sources-jar/org/picocontainer/containers/CommandLinePicoContainer.java
*
/picocontainer-2-15-sources-jar/org/picocontainer/injectors/TypedFieldInjection.java
* /picocontainer-2-15-sources-jar/org/picocontainer/adapters/InstanceAdapter.java
```

```

* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/TypedFieldInjector.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/NamedFieldInjection.java
* /picocontainer-2-15-sources-jar/org/picocontainer/parameters/CollectionComponentParameter.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Locking.java
* /picocontainer-2-15-sources-jar/org/picocontainer/annotations/Nullable.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Behaviors.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/AbstractInjector.java
* /picocontainer-2-15-sources-jar/org/picocontainer/BehaviorFactory.java
* /picocontainer-2-15-sources-jar/org/picocontainer/PicoBuilder.java
* /picocontainer-2-15-sources-jar/org/picocontainer/InjectionFactory.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/AnnotatedMethodInjector.java
*

```

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/picocontainer-2-15-sources-jar/org/picocontainer/behaviors/ImplementationHiding.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/HiddenImplementation.java
* /picocontainer-2-15-sources-jar/org/picocontainer/parameters/ComponentParameter.java
* /picocontainer-2-15-sources-jar/org/picocontainer/containers/ImmutablePicoContainer.java
* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Synchronized.java
* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/SetterInjector.java
* /picocontainer-2-15-sources-jar/org/picocontainer/PicoClassNotFoundException.java

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```

Found in path(s):

```

* /picocontainer-2-15-sources-jar/org/picocontainer/monitors/ComponentMonitorHelper.java
* /picocontainer-2-15-sources-jar/org/picocontainer/monitors/WriterComponentMonitor.java
* /picocontainer-2-15-sources-jar/org/picocontainer/monitors/ConsoleComponentMonitor.java

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```

* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/AbstractBehaviorFactory.java

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- * /picocontainer-2-15-sources-jar/org/picocontainer/composers/RegexComposer.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/monitors/ComposingMonitor.java

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Found in path(s):

- * /picocontainer-2-15-sources-jar/org/picocontainer/containers/PropertiesPicoContainer.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/MethodInjector.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Intercepting.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/PicoLifecycleException.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/ForgetfulConstructorInjection.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Intercepted.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/containers/SystemPropertiesPicoContainer.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/containers/CommandLineArgumentsPicoContainer.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/ParameterNameBinding.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/parameters/AbstractParameter.java
- * /picocontainer-2-15-sources-jar/org/picocontainer/injectors/SingleMemberInjector.java

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* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/AbstractBehavior.java

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Found in path(s):

* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/ThreadCached.java

* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Guarding.java

* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/SetterInjection.java

*

/picocontainer-2-15-sources-jar/org/picocontainer/injectors/MethodInjection.java

* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/AnnotatedMethodInjection.java

* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/AdaptingInjection.java

* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/ConstructorInjection.java

* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/ThreadCaching.java

* /picocontainer-2-15-sources-jar/org/picocontainer/injectors/ConstructorInjector.java

* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Storing.java

* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Caching.java

* /picocontainer-2-15-sources-jar/org/picocontainer/PicoCompositionException.java

* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/OptInCaching.java

* /picocontainer-2-15-sources-jar/org/picocontainer/behaviors/Cached.java

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Found in path(s):

* /picocontainer-2-15-sources-jar/org/picocontainer/classname/ClassPathElement.java

* /picocontainer-2-15-sources-jar/org/picocontainer/classname/ClassName.java

* /picocontainer-2-15-sources-jar/org/picocontainer/classname/ClassLoadingPicoContainer.java

* /picocontainer-2-15-sources-jar/org/picocontainer/parameters/DefaultConstructorParameter.java

* /picocontainer-2-15-sources-jar/org/picocontainer/classname/DefaultClassLoadingPicoContainer.java

*

/picocontainer-2-15-sources-jar/org/picocontainer/parameters/NullParameter.java

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Found in path(s):

* /picocontainer-2-15-sources-jar/org/picocontainer/containers/AbstractDelegatingMutablePicoContainer.java

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Found in path(s):

* /picocontainer-2-15-sources-jar/org/picocontainer/Behavior.java

* /picocontainer-2-15-sources-jar/org/picocontainer/containers/EmptyPicoContainer.java

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* /picocontainer-2-15-sources-jar/org/picocontainer/monitors/AbstractComponentMonitor.java

1.326 guice-persist 4.2.2

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1.327 micronaut-context-propagation 4.3.7

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jar/io/micronaut/context/propagation/slf4j/MdcPropagationContext.java
* /micronaut-context-propagation-4-3-7-sources-
jar/io/micronaut/context/propagation/instrument/execution/ExecutorServiceInstrumenter.java

1.328 httpcomponents-mime 4.5.12

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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1.334 dropwizard-jersey 2.1.2

1.334.1 Available under license :

Apache-2.0

1.335 dom 1.0

1.335.1 Available under license :

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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):

* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMValidator.java

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*/

/**

* used to check the 3 constraints against each complex type

* (should be each model group):

* Unique Particle

Attribution, Particle Derivation (Restriction),

* Element Declarations Consistent.

*/

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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSConstraints.java

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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AbstractDateTimeDV.java

* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/YearDV.java

*

/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDKeyrefTraverser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateTimeDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDUniqueOrKeyTraverser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DurationDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/TimeDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSAttributeChecker.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSModelGroupImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDecl.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDHandler.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DayDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XMLSchemaValidator.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/DOMMessages.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XPointerMessages.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/DatatypeMessages.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message_fr.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/SAXMessages.properties
- *
- /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XIncludeMessages.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLMessages.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLSerializerMessages.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message_ja.properties
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/JAXPValidationMessages.properties

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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ElementEditAS.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASNotationDeclaration.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObject.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/CharacterDataEditAS.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMImplementationAS.java
- *
- /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASModel.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DocumentAS.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASAttributeDeclaration.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASElementDeclaration.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASDataType.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASContentModel.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASWriter.java

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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DocumentEditAS.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObjectList.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASBuilder.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASException.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/NodeEditAS.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDElementTraverser.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLErrorHandler.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFrameElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLEntityDescriptionImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/ShadowedSymbolTable.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/ObjectListImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLImgElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOptgroupElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLInputSource.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLImgElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredCDATASectionImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDAbstractIDConstraintTraverser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLTimerElementImpl.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSParticle.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLWmlElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AnySimpleDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/StringList.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLTimerElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/CaseInsensitiveMap.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/SchemaDOMImplementation.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultXMLDocumentHandler.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLAnchorElement.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/HTMLSerializer.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLHtmlElementImpl.java
- *
- /xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/DefaultNamespaceContext.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/MultipleScopeNamespaceSupport.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/SchemaParsingConfig.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XML11NSDTDValidator.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/XPointerMessageFormatter.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSException.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLMetaElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLQuoteElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/EncodingMap.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/XIncludeTextReader.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMInputImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/ObjectFactory.java
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- /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLCatalogResolver.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/TeeXMLDocumentFilterImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableSectionElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/CMStateSet.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/Base64BinaryDV.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DraconianErrorHandler.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/JAXPValidatorComponent.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTitleElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XML11NonValidatingConfiguration.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/ElementDefinitionImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLElementDecl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSAttributeGroupDecl.java
- *
- /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/AbstractDOMParser.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLSelectElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLLabelElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFieldSetElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLCardElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/ShortListImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/util/Base64.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CDATASectionImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/XSGrammarPoolContainer.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/CMBuilder.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLMetaElement.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/XSSimpleType.java
- *

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/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDelegate.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/SchemaDOMParser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/RegularExpression.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/ElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/events/UIEventImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/Method.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/EntityReferenceImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/ByteList.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLBodyElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLNSDTDValidator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMBinOp.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredAttrImpl.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/DOMUtil.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLIElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/SAXParserFactoryImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/ElementSchemePointer.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLMessageFormatter.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/SoftReferenceGrammarPool.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/AbstractXMLSchema.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/AttrNSImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/datatype/DurationImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLTdElementImpl.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/ObjectFactory.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDGroupTraverser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/FullDVFactory.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/ObjectFactory.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DOMParserImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLTrElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/CMUniOp.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DocumentFragmentImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLSelectElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDSimpleTypeTraverser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XML11EntityScanner.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/StringDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/IDREFDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLButtonElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/identity/Field.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DocumentImpl.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOneventElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/util/ByteListImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XIncludeParserConfiguration.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLStrongElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/CachingParserPool.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/ParserConfigurationSettings.java

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* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLDocument.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/EmptyXMLSchema.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSObjectList.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultNode.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLMapElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XML11NSDocumentScannerImpl.java
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/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLSmallElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLDTDContentModelHandler.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLEmElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/PSVIDocumentImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/DTDGrammarBucket.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/ElementPSVImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/REUtil.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLParseException.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/Op.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDContentModelSource.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLInputElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/NMTOKENDatatypeValidator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLParagraphElementImpl.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DTDParser.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLULListElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMImplementationSourceImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLBrElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CharacterDataImpl.java
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/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/RangeImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/SerializerFactoryImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XMLSchemaLoader.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLScanner.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/ElementImpl.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLAppletElementImpl.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/TypeValidator.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLFieldsetElement.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLAElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultDocument.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDLoader.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLComponentManager.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/PrimeNumberSequenceGenerator.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLOneventElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/SchemaDVFactoryImpl.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSLoader.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/SAXParser.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/XSDecimal.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMConfigurationImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableColElementImpl.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMUniOp.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/grammars/XMLGrammarLoader.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/validation/ConfigurableValidationState.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/IndentPrinter.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/ElementState.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/ObjectFactory.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/PSVIDOMImplementationImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/DFAContentModel.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/AttributeMap.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/EndDocumentImpl.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/StringDatatypeValidator.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMRepeatingLeaf.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/PSVIAttrNSImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLDocumentFragmentScannerImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/ValidationContext.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/grammars/Grammar.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLAccessElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/Match.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSMessageFormatter.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/TextSerializer.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/NamespaceImpl.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/JAXPConstants.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLAElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/EntityResolverWrapper.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMOutputImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMImplementationImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/SecuritySupport.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/ExternalSubsetResolver.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/NodeListCache.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/PSVIElementNSImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/XIncludeHandler.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredCommentImpl.java
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/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLHRElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSNamespaceItemList.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/DOMEntityResolverWrapper.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/RegexParser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/ElementNSImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/AttributeImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/IDREFDatatypeValidator.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLHeadElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMLLeaf.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/LocatorProxy.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11IDDatatypeValidator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSElementDeclaration.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLLocator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSTypeDefinition.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/URI.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/NamedNodeMapImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLBuilder.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/WeakReferenceXMLSchema.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/XSQName.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/BMPattern.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DTDConfiguration.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/SimpleXMLSchema.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLLegendElementImpl.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLHeadingElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/XSFacets.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLRefreshElement.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/XSGrammarPool.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLResourceIdentifier.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLDirectoryElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XML11Configuration.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/EntityImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/io/MalformedByteSequenceException.java
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- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLSymbols.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/XPointerProcessor.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLSetvarElement.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLDTDHandler.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSMultiValueFacet.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSAnnotation.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLLinkElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/events/EventImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/DTDDVFactory.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/identity/ValueStore.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorHandlerImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/DOMErrorHandlerWrapper.java
- *
- /xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/XMLEventImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/XS10TypeHelper.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLDivElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSNamespaceItem.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XML11Char.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFrameSetElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLNamespaceBinder.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLGrammarPreparser.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSImplementationImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLBRElementImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/RangeExceptionImpl.java
- * /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/PSVIProvider.java
- *

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/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XMLSchemaException.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSNamedMap.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLStyleElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSAttributeUseImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/validation/ValidationManager.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/EntityResolver2Wrapper.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSElementDecl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DOMParser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLAttributeDecl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLLIElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSParticleDecl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/ContentModelValidator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/StAXInputSource.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLContentSpec.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DocumentTypeImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLOptionElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/XIncludeMessageFormatter.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/AttributePSVImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLSelectElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLString.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/XMLSchemaValidatorComponentManager.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableRowElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLLOListElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/SchemaDOM.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLDTDScannerImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLInputElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/PrecisionDecimalDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DOMDocumentHandler.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLPullParserConfiguration.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/SecureProcessingConfiguration.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDocumentFilter.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/XSObjectListImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/NamedNodeMapImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSFacet.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLGoElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSAbstractTraverser.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/Printer.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XML11DTDProcessor.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDDescription.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLRefreshElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParserForXMLSchema.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMNormalizer.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/IntegerDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/DocumentBuilderFactoryImpl.java

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* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLIsIndexElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/SimpleContentModel.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredDocumentImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSSimpleTypeDefinition.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/EmptyLocation.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/SerializerFactory.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/HTTPInputSource.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/Encodings.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSAttributeUse.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/BaseMarkupSerializer.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/CharactersImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredDOMImplementationImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/XMLEventFactoryImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/JAXPNamespaceContextWrapper.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/NamespaceSupport.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLDocumentHandler.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMLocatorImpl.java
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/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/LSInputListImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSDeclarationPool.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/JAXPValidationMessageFormatter.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/CMBinOp.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/ExtendedSchemaDVFactoryImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XML11DTDValidator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/EntityDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/SymbolTable.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AnyURIDV.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityScanner.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityManager.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSAttributeDecl.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/XIncludeNamespaceSupport.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSEmptyCM.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLOptGroupElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/DVFactoryException.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLDocumentImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/SchemaDateTimeException.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOptionElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLPElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLOptionElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLElement.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLParamElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/TreeWalkerImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11DTDDVFactoryImpl.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParseException.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDFilter.java

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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDValidator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDNotationTraverser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/grammars/XMLSchemaDescription.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DOMResultBuilder.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLAnchorElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLModElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDocumentImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredElementNSImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableCaptionElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityHandler.java
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/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/StandardParserConfiguration.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSAllCM.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/AttrImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLFieldsetElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDoElementImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/RangeToken.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DOMASBuilderImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/NameNodeListImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDOMImplementationImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/io/UCSReader.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XIncludeAwareParserConfiguration.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/RevalidationHandler.java
*
/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSValue.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/NodeImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11IDREFDatatypeValidator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLConfigurationException.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/AttributesProxy.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLGrammarParser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLSimpleType.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/SchemaNamespaceSupport.java
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- */
- /**
- * DOM Level 3 LS CR - Experimental.
- * Create a new `LSParser`. The newly constructed parser may
- *

then be configured by means of its `DOMConfiguration`

- * object, and used to parse documents by means of its `parse`
- * method.
- * @param mode The `mode` argument is either
- * `MODE_SYNCHRONOUS` or `MODE_ASYNCHRONOUS`, if
- * `mode` is `MODE_SYNCHRONOUS` then the
- * `LSParser` that is created will operate in synchronous
- * mode, if it's `MODE_ASYNCHRONOUS` then the
- * `LSParser` that is created will operate in asynchronous
- * mode.
- * @param schemaType An absolute URI representing the type of the schema
- * language used during the load of a `Document` using the
- * newly created `LSParser`. Note that no lexical checking
- * is done on the absolute URI. In order to create a
- * `LSParser` for any kind of schema types (i.e. the
- * `LSParser` will be free to use any schema

found), use the value

- * `null`.
- *

Note: For W3C XML Schema [[XML Schema Part 1](http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/)]
- * , applications must use the value
- * `"http://www.w3.org/2001/XMLSchema"`. For XML DTD [[XML 1.0](http://www.w3.org/TR/2000/REC-xml-20001006/)],
- * applications must use the value
- * `"http://www.w3.org/TR/REC-xml"`. Other Schema languages
- * are outside the scope of the W3C and therefore should recommend an
- * absolute URI in order to use this method.
- * @return The newly created `LSParser` object. This
- * `LSParser` is either synchronous or asynchronous
- * depending on the value of the `mode` argument.
- *

Note: By default, the newly created `LSParser`
- * does not contain a `DOMErrorHandler`, i.e. the value of
- * the "[parameter-error-handler](http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler)"

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.

*/

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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java

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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMImplementationListImpl.java

1.336 micronaut-json-core 4.3.7

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- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/codec/JsonMediaTypeCodec.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/convert/JsonNodeConvertibleValues.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/codec/JsonStreamMediaTypeCodec.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/JsonObjectSerializer.java
- *
- /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/bind/JsonBeanPropertyBinder.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/bind/package-info.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/codec/MapperMediaTypeCodec.java

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- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/JsonSyntaxException.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/convert/LazyJsonNode.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/body/JsonMessageHandler.java

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- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/bind/JsonBeanPropertyBinderExceptionHandler.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/convert/JsonConverterRegistrar.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/JsonConfiguration.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/tree/JsonContainer.java
- *
- /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/JsonFeatures.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/tree/JsonScalar.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/JsonStreamConfig.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/tree/JsonNull.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/tree/JsonString.java
- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/tree/JsonNode.java
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- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/tree/JsonBoolean.java
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- * /micronaut-json-core-4-3-7-sources-jar/io/micronaut/json/JsonMapperSupplier.java

1.337 dropwizard-request-logging 2.1.2

1.337.1 Available under license :

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1.338 busybox 1.36.1-r15

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1.339 opentelemetry-context 1.32.0

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1.342 latencyutils 2.0.3

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1.344 jersey-media-json-jackson 2.37

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Source Code

The project maintains the following source code repositories:

- * <https://github.com/eclipse-ee4j/glassfish-ha-api>
- * <https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor>
- * <https://github.com/eclipse-ee4j/glassfish-shoal>
- * <https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck>
- * <https://github.com/eclipse-ee4j/glassfish-jsftemplating>
- * <https://github.com/eclipse-ee4j/glassfish-hk2-extra>
- * <https://github.com/eclipse-ee4j/glassfish-hk2>
- * <https://github.com/eclipse-ee4j/glassfish-fighterfish>

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None

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1.349 resilience4j-core 1.7.1

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 *
 *
```

*/

Found in path(s):

* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/package-info.java

* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/package-info.java

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* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/MetricsPublisher.java

* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/CompositeRegistryEventConsumer.java

* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/RegistryEventConsumer.java

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- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/CallableUtils.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/StringUtils.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/CheckFunctionUtils.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/exception/AcquirePermissionCancelledException.java
- *
/resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/SupplierUtils.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/CompletionStageUtils.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/ClassUtils.java

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- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/Registry.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/AbstractRegistry.java

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* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/lang/NonNullApi.java

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* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/ResultUtils.java

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- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/SlidingTimeWindowMetrics.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/AbstractAggregation.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/FixedSizeSlidingWindowMetrics.java
- *
- /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/SnapshotImpl.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/TotalAggregation.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/Metrics.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/Measurement.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/Snapshot.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/metrics/PartialAggregation.java

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- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/lang/NonNull.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/lang/NonNullFields.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/lang/Nullable.java

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Found in path(s):

* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/ConfigurationNotFoundException.java
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* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/ContextPropagator.java
* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/NamingThreadFactory.java
* /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/ContextAwareScheduledThreadPoolExecutor.java
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Found in path(s):

- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/StopWatch.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/EventConsumer.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/EventPublisher.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/EventProcessor.java

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- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/InMemoryRegistryStore.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/RegistryStore.java

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Found in path(s):

- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/AbstractRegistryEvent.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/EntryRemovedEvent.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/EntryReplacedEvent.java
- *
- /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/RegistryEvent.java
- * /resilience4j-core-1-7-1-sources-3-jar/io/github/resilience4j/core/registry/EntryAddedEvent.java

1.350 kafka-avro-serializer 7.5.1

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Found in path(s):

- * /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/GenericContainerWithVersion.java

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```
<project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://maven.apache.org/POM/4.0.0"
  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>io.confluent</groupId>
  <artifactId>kafka-schema-registry-parent</artifactId>
  <version>7.5.1</version>
</parent>

<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<artifactId>kafka-avro-serializer</artifactId>
<packaging>jar</packaging>
<name>kafka-avro-serializer</name>

<dependencies>
  <dependency>
    <groupId>org.apache.kafka</groupId>
    <artifactId>kafka_${kafka.scala.version}</artifactId>
    <scope>provided</scope>
  </dependency>
  <dependency>
    <groupId>org.apache.avro</groupId>
    <artifactId>avro</artifactId>
  </dependency>
  <dependency>
    <groupId>org.apache.commons</groupId>
    <artifactId>commons-compress</artifactId>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-serializer</artifactId>
    <version>${io.confluent.schema-registry.version}</version>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-registry-client</artifactId>
    <version>${io.confluent.schema-registry.version}</version>
  </dependency>

  <dependency>
    <groupId>com.google.guava</groupId>
    <artifactId>guava</artifactId>
  </dependency>
  <dependency>

```

```

    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <scope>test</scope>
  </dependency>
  <dependency>
    <groupId>org.slf4j</groupId>
    <artifactId>slf4j-reload4j</artifactId>
    <scope>test</scope>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>logredactor</artifactId>
  </dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <groupId>org.apache.avro</groupId>
      <artifactId>avro-maven-plugin</artifactId>
      <executions>
        <execution>
          <phase>generate-sources</phase>
          <goals>
            <goal>schema</goal>
          </goals>
          <configuration>
            <testSourceDirectory>${project.basedir}/src/test/avro</testSourceDirectory>
          </configuration>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>
</project>

```

Found in path(s):

* /kafka-avro-serializer-7-5-1-sources-jar/META-INF/maven/io.confluent/kafka-avro-serializer/pom.xml

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Found in path(s):

```

* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/AbstractKafkaAvroSerializer.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/AbstractKafkaAvroDeserializer.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/KafkaAvroDecoder.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/KafkaAvroSerializerConfig.java
*
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/formatter/AvroMessageReader.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/KafkaAvroDeserializerConfig.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/NonRecordContainer.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/AbstractKafkaAvroSerDeConfig.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/AvroData.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/KafkaAvroSerializer.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/formatter/AvroMessageFormatter.java
* /kafka-avro-serializer-7-5-1-sources-jar/io/confluent/kafka/serializers/KafkaAvroDeserializer.java

```

1.351 ca-certificates-bundle 20240226-r0

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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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```

Found in path(s):

```

* /ca-certificates-bundle-20230506-r0-os-alpine-3-18-0-tar-xz/ca-certificates-20230506-tar-bz2/ca-certificates-20230506/c_rehash.c

```

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```

#!/usr/bin/env perl
# *****
# *
# * Project      _ _ _ _ _
                _ _ _ _ _

```

```

# *           / _|||_| ||
# *           |(_||_| _<|_|
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# *
# * *****
# * This Perl script creates a fresh ca-bundle.crt file for use with libcurl.
# * It downloads certdata.txt from Mozilla's source tree (see URL below),
# * then parses certdata.txt and extracts CA Root Certificates into PEM format.
# * These are then processed with the OpenSSL commandline tool to produce the
# * final ca-bundle.crt file.
# * The script is based on the parse-certs script written by Roland Krikava.
# * This Perl script works on almost any platform since its only external
# * dependency is the OpenSSL commandline tool for optional text listing.
# * Hacked by Guenter Knauf.
#
use Encode;
use Getopt::Std;
use MIME::Base64;
use strict;
use warnings;
use vars qw($opt_b $opt_d $opt_f $opt_h $opt_i $opt_k $opt_l $opt_m $opt_n $opt_p $opt_q $opt_s $opt_t $opt_u
$opt_v $opt_w);
use List::Util;
use Text::Wrap;
use Time::Local;
my $MOD_SHA = "Digest::SHA";
eval "require
$MOD_SHA";
if ($@) {
$MOD_SHA = "Digest::SHA::PurePerl";
eval "require $MOD_SHA";
}
eval "require LWP::UserAgent";

```



```

my %urls = (
  'nss' =>
    'https://hg.mozilla.org/projects/nss/raw-file/default/lib/ckfw/builtins/certdata.txt',
  'central' =>
    'https://hg.mozilla.org/mozilla-central/raw-file/default/security/nss/lib/ckfw/builtins/certdata.txt',
  'beta' =>
    'https://hg.mozilla.org/releases/mozilla-beta/raw-file/default/security/nss/lib/ckfw/builtins/certdata.txt',
  'release' =>
    'https://hg.mozilla.org/releases/mozilla-release/raw-file/default/security/nss/lib/ckfw/builtins/certdata.txt',
);

$opt_d = 'release';

# If the OpenSSL commandline is not in search path you can configure it here!
my $openssl = 'openssl';

my $version = '1.27';

$opt_w = 76; # default base64 encoded lines length

# default cert types to include in the output (default is to include CAs which may issue SSL server certs)
my $default_mozilla_trust_purposes = "SERVER_AUTH";
my $default_mozilla_trust_levels
  = "TRUSTED_DELEGATOR";
$opt_p = $default_mozilla_trust_purposes . ":" . $default_mozilla_trust_levels;

my @valid_mozilla_trust_purposes = (
  "DIGITAL_SIGNATURE",
  "NON_REPUDIATION",
  "KEY_ENIPHERMENT",
  "DATA_ENIPHERMENT",
  "KEY_AGREEMENT",
  "KEY_CERT_SIGN",
  "CRL_SIGN",
  "SERVER_AUTH",
  "CLIENT_AUTH",
  "CODE_SIGNING",
  "EMAIL_PROTECTION",
  "IPSEC_END_SYSTEM",
  "IPSEC_TUNNEL",
  "IPSEC_USER",
  "TIME_STAMPING",
  "STEP_UP_APPROVED"
);

my @valid_mozilla_trust_levels = (
  "TRUSTED_DELEGATOR", # CAs
  "NOT_TRUSTED",      # Don't trust these certs.

```

```

"MUST_VERIFY_TRUST", # This explicitly tells us that it ISN'T a CA but is otherwise ok. In other words, this
should tell the app to ignore any other sources that claim this is a CA.
"TRUSTED"           # This cert is trusted, but only for itself and not for delegates (i.e. it is not a CA).
);

my $default_signature_algorithms = $opt_s = "MD5";

my @valid_signature_algorithms = (
    "MD5",
    "SHA1",
    "SHA256",
    "SHA384",
    "SHA512"
);

$0 =~ s@.*(\/\\)@@;
$Getopt::Std::STANDARD_HELP_VERSION = 1;
getopts('bd:fhiklmnp:qs:tuvw:');

if(!defined($opt_d)) {
    # to make plain "-d" use not cause warnings, and actually still work
    $opt_d = 'release';
}

# Use predefined URL or else custom URL specified on command line.
my $url;
if(defined($urls{$opt_d})) {
    $url = $urls{$opt_d};
    if(!$opt_k && $url !~ /^https:\/\//i) {
        die "The URL for '$opt_d' is not HTTPS. Use -k to override (insecure).\n";
    }
}
else {
    $url = $opt_d;
}

my $curl = `curl -V`;

if ($opt_i) {
    print ("=" x 78 . "\n");
    print "Script Version          : $version\n";
    print "Perl Version                : $]\n";
    print "Operating System Name        : $^O\n";
    print "Getopt::Std.pm Version        : ${Getopt::Std::VERSION}\n";
    print "Encode::Encoding.pm Version   : ${Encode::Encoding::VERSION}\n";
    print "MIME::Base64.pm Version       : ${MIME::Base64::VERSION}\n";
    print "LWP::UserAgent.pm

```

```

Version      : ${LWP::UserAgent::VERSION}\n" if($LWP::UserAgent::VERSION);
print "LWP.pm Version      : ${LWP::VERSION}\n" if($LWP::VERSION);
print "Digest::SHA.pm Version      : ${Digest::SHA::VERSION}\n" if ($Digest::SHA::VERSION);
print "Digest::SHA::PurePerl.pm Version : ${Digest::SHA::PurePerl::VERSION}\n" if
($Digest::SHA::PurePerl::VERSION);
print ("=" x 78 . "\n");
}

```

```

sub warning_message() {
if ( $opt_d =~ m/^risk$/i ) { # Long Form Warning and Exit
    print "Warning: Use of this script may pose some risk:\n";
    print "\n";
    print " 1) If you use HTTP URLs they are subject to a man in the middle attack\n";
    print " 2) Default to 'release', but more recent updates may be found in other trees\n";
    print " 3) certdata.txt file format may change, lag time to update this script\n";
    print " 4) Generally unwise to blindly trust CAs without manual review & verification\n";
    print " 5) Mozilla apps use additional security
checks aren't represented in certdata\n";
    print " 6) Use of this script will make a security engineer grind his teeth and\n";
    print "   swear at you. ;)\n";
    exit;
} else { # Short Form Warning
    print "Warning: Use of this script may pose some risk, -d risk for more details.\n";
}
}

```

```

sub HELP_MESSAGE() {
    print "Usage:\t${0} [-b] [-d<certdata>] [-f] [-i] [-k] [-l] [-n] [-p<purposes:levels>] [-q] [-s<algorithms>] [-t] [-u] [-v] [-w<l>] [<outputfile>]\n";
    print "\t-b\tbackup an existing version of ca-bundle.crt\n";
    print "\t-d\tspecify Mozilla tree to pull certdata.txt or custom URL\n";
    print "\t\t Valid names are:\n";
    print "\t\t ", join( ", ", map { ( $_ =~ m/$opt_d/ ) ? "$_" : "$_" } sort keys %urls ), "\n";
    print "\t-f\tforce rebuild even if certdata.txt is current\n";
    print "\t-i\tprint version info about used modules\n";
    print "\t-k\tallow URLs other than HTTPS, enable HTTP fallback (insecure)\n";
    print "\t-l\tprint license info
about certdata.txt\n";
    print "\t-m\tinclude meta data in output\n";
    print "\t-n\tno download of certdata.txt (to use existing)\n";
    print wrap("\t", "\t", "-p\tlist of Mozilla trust purposes and levels for certificates to include in output. Takes the
form of a comma separated list of purposes, a colon, and a comma separated list of levels. (default:
$default_mozilla_trust_purposes:$default_mozilla_trust_levels)", "\n");
    print "\t\t Valid purposes are:\n";
    print wrap("\t\t ", "\t\t ", join( ", ", "ALL", @valid_mozilla_trust_purposes ), ), "\n";
    print "\t\t Valid levels are:\n";
    print wrap("\t\t ", "\t\t ", join( ", ", "ALL", @valid_mozilla_trust_levels ), ), "\n";
    print "\t-q\tbe really quiet (no progress output at all)\n";
}

```

```

print wrap("\t","\t", "-s\tcomma separated list of certificate signatures/ hashes to output in plain text mode. (default:
$default_signature_algorithms)\n");
print "\t\t Valid signature algorithms are:\n";
print wrap("\t\t ", "\t\t
", join( " ", "ALL", @valid_signature_algorithms ), "\n");
print "\t\t\tinclude plain text listing of certificates\n";
print "\t-u\tunlink (remove) certdata.txt after processing\n";
print "\t-v\tbe verbose and print out processed CAs\n";
print "\t-w <l>\twrap base64 output lines after <l> chars (default: ${opt_w})\n";
exit;
}

```

```

sub VERSION_MESSAGE() {
print "${0} version ${version} running Perl ${[] } on ${^O}\n";
}

```

```

warning_message() unless ($opt_q || $url =~ m/^(ht|f)tps:/i );
HELP_MESSAGE() if ($opt_h);

```

```

sub report($@) {
my $output = shift;

print STDERR $output . "\n" unless $opt_q;
}

```

```

sub is_in_list($@) {
my $target = shift;

return defined(List::Util::first { $target eq $_ } @_);
}

```

```

# Parses $param_string as a case insensitive comma separated list with optional whitespace
# validates that only allowed parameters are supplied

```

```

sub parse_csv_param($$@) {
my $description = shift;
my $param_string = shift;
my @valid_values = @_;

```

```

my @values = map {
    s/^\s+//; # strip leading spaces
    s/\s+$//; # strip trailing spaces
    uc $_     # return the modified string as upper case
} split( ',', $param_string );

```

```

# Find all values which are not in the list of valid values or "ALL"
my @invalid = grep { !is_in_list($_,"ALL",@valid_values) } @values;

```

```

if ( scalar(@invalid) > 0 ) {

```

```

# Tell the user which parameters were invalid and print the standard help message which will exit
print "Error: Invalid ", $description, scalar(@invalid) == 1 ? " : " : "s: ", join( " ", map { "\"$_\"" } @invalid ),
"\n";
HELP_MESSAGE();
}

@values = @valid_values if ( is_in_list("ALL",@values) );

return @values;
}

sub sha256 {
my $result;
if ($Digest::SHA::VERSION || $Digest::SHA::PurePerl::VERSION) {
    open(FILE, $_[0]) or die "Can't open '$_[0]': $!";
    binmode(FILE);
    $result = $MOD_SHA->new(256)->addfile(*FILE)->hexdigest;
    close(FILE);
} else {
    # Use OpenSSL command if Perl Digest::SHA modules not available
    $result = `"$openssl" dgst -r -sha256 "$_[0]"`;
    $result =~ s/^\s*([0-9a-f]{64})\s*/$1/is;
}
return $result;
}

sub oldhash {
my $hash = "";
open(C, "<$_[0]") || return 0;
while(<C>) {
    chomp;
    if($_ =~ /\#\# SHA256: (.*)/) {
        $hash = $1;
        last;
    }
}
close(C);
return $hash;
}

if ( $opt_p !~ m:/ ) {
    print "Error: Mozilla trust identifier list must include both purposes and levels\n";
    HELP_MESSAGE();
}

(my $included_mozilla_trust_purposes_string, my $included_mozilla_trust_levels_string) = split( ':', $opt_p );
my @included_mozilla_trust_purposes = parse_csv_param( "trust purpose",

```

```

$included_mozilla_trust_purposes_string, @valid_mozilla_trust_purposes );
my @included_mozilla_trust_levels = parse_csv_param( "trust level", $included_mozilla_trust_levels_string,
@valid_mozilla_trust_levels );

my @included_signature_algorithms = parse_csv_param( "signature algorithm", $opt_s,
@valid_signature_algorithms );

sub should_output_cert(%) {
    my
    %trust_purposes_by_level = @_;

    foreach my $level (@included_mozilla_trust_levels) {
        # for each level we want to output, see if any of our desired purposes are included
        return 1 if ( defined( List::Util::first { is_in_list( $_, @included_mozilla_trust_purposes ) }
@{$trust_purposes_by_level{$level}} ) );
    }

    return 0;
}

my $crt = $ARGV[0] || 'ca-bundle.crt';
(my $txt = $url) =~ s@(.*/|?.*)@@g;

my $stdout = $crt eq '-';
my $resp;
my $fetched;

my $oldhash = oldhash($crt);

report "SHA256 of old file: $oldhash";

if(!$opt_n) {
    report "Downloading $txt ...";

    # If we have an HTTPS URL then use curl
    if($url =~ /^https:\/\//i) {
        if($curl) {
            if($curl =~ /^Protocols:.* https( |$)/m) {
                report "Get certdata with curl!";
                my $proto = !$opt_k ? "--proto =https" : "";
                my $quiet = $opt_q ? "-s" : "";
                my @out = `curl -w %{response_code} $proto $quiet -o "$txt" "$url"`;
                if(! $? && @out && $out[0] == 200) {
                    $fetched = 1;
                    report "Downloaded $txt";
                }
            }
            else {
                report "Failed downloading via HTTPS with curl";
            }
        }
    }
}

```

```

        if(-e $txt && !unlink($txt)) {
            report "Failed to remove '$txt': $!";
        }
    }
}
else {
    report "curl lacks https support";
}
}
else {
    report "curl not found";
}
}

# If nothing was fetched then use LWP
if(!$fetched) {
    if($url =~ /^https:\V/i) {
        report "Falling back to HTTP";
        $url =~ s/^https:\V/http:\V/i;
    }
    if(!$opt_k) {
        report "URLs other than HTTPS are disabled by default, to enable use -k";
        exit 1;
    }
    report "Get certdata with LWP!";
    if(!defined(${LWP::UserAgent::VERSION})) {
        report "LWP is not available (LWP::UserAgent not found)";
        exit 1;
    }
    my $ua = new LWP::UserAgent(agent => "$0/$version");
    $ua->env_proxy();
    $resp = $ua->mirror($url, $txt);
    if($resp && $resp->code eq '304') {
        report "Not modified";
        exit 0 if -e $crt && !$opt_f;
    }
    else {
        $fetched = 1;
        report "Downloaded $txt";
    }
    if(!$resp || $resp->code !~ /^(?:200|304)$/) {
        report "Unable to download latest data: "
            . ($resp? $resp->code . ' - ' . $resp->message : "LWP failed");
        exit 1 if -e $crt || !-r $txt;
    }
}
}
}

```

```

my $filedate = $resp ? $resp->last_modified : (stat($txt))[9];
my $datesrc = "as of";
if(!$filedate) {
    # mxr.mozilla.org gave us a time, hg.mozilla.org does not!
    $filedate = time();
    $datesrc="downloaded on";
}

# get the hash from the download file
my $newhash= sha256($txt);

if(!$opt_f && $oldhash eq $newhash) {
    report "Downloaded file identical to previous run's source file. Exiting";
    if($opt_u && -e $txt && !unlink($txt)) {
        report "Failed to remove $txt: $!\n";
    }
    exit;
}

report "SHA256 of new file: $newhash";

my $currentdate = scalar gmtime($filedate);

my $format = $opt_t ? "plain text and " : "";
if( $stdout
) {
    open(CRT, '> -') or die "Couldn't open STDOUT: $!\n";
} else {
    open(CRT,">$crt.~") or die "Couldn't open $crt.~: $!\n";
}
print CRT <<EOT;
##
## Bundle of CA Root Certificates
##
## Certificate data from Mozilla ${datesrc}: ${currentdate} GMT
##
## 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:
## ${url}
##
## It contains the certificates in ${format}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.
##
## Conversion done with mk-ca-bundle.pl version $version.
## SHA256: $newhash

```


##

EOT

```
report "Processing '$txt' ...";
my $scaname;
my $certnum = 0;
my $skipnum = 0;
my $start_of_cert = 0;
my @precert;
my $cka_value;
my $valid = 1;

open(TXT,"$txt")
or die "Couldn't open $txt: $!\n";
while (<TXT>) {
    if (/^*\*\*\*\* BEGIN LICENSE BLOCK \*\*\*\*\*/) {
        print CRT;
        print if ($opt_l);
        while (<TXT>) {
            print CRT;
            print if ($opt_l);
            last if (/^*\*\*\*\* END LICENSE BLOCK \*\*\*\*\*/);
        }
    }
    elsif(/^# (Issuer|Serial Number|Subject|Not Valid Before|Not Valid After |Fingerprint \|(MD5\)|Fingerprint
\|(SHA1\)):/) {
        push @precert, $_;
        $valid = 1;
        next;
    }
    elsif(/^#|^s*$/ ) {
        undef @precert;
        next;
    }
}
chomp;

# Example:
# CKA_NSS_SERVER_DISTRUST_AFTER MULTILINE_OCTAL
# \062\060\060\066\061\067\060\060\060\060\060\060\132
# END

if (/^CKA_NSS_SERVER_DISTRUST_AFTER (CK_BBOOL CK_FALSE|MULTILINE_OCTAL)/) {
    if($1 eq "MULTILINE_OCTAL") {
        my @timestamp;
        while (<TXT>) {
            last if (/^END/);
            chomp;
        }
    }
}
```

```

        my @octets = split(/\v/);
        shift @octets;
        for (@octets) {
            push
@timestamp, chr(oct);
        }
    }
    # A trailing Z in the timestamp signifies UTC
    if($timestamp[12] ne "Z") {
        report "distrust date stamp is not using UTC";
    }
    # Example date: 200617000000Z
    # Means 2020-06-17 00:00:00 UTC
    my $distrustat =
        timegm($timestamp[10] . $timestamp[11], # second
            $timestamp[8] . $timestamp[9], # minute
            $timestamp[6] . $timestamp[7], # hour
            $timestamp[4] . $timestamp[5], # day
            ($timestamp[2] . $timestamp[3]) - 1, # month
            "20" . $timestamp[0] . $timestamp[1]); # year
    if(time >= $distrustat) {
        # not trusted anymore
        $skipnum++;
        report "Skipping: $scaname is not trusted anymore" if ($opt_v);
        $valid = 0;
    }
    else {
        # still trusted
    }
}
next;
}

# this
is a match for the start of a certificate
if (/^CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE/) {
    $start_of_cert = 1
}
if ($start_of_cert && /^CKA_LABEL UTF8 \"(.*)\"/) {
    $scaname = $1;
}
my %trust_purposes_by_level;
if ($start_of_cert && /^CKA_VALUE MULTILINE_OCTAL/) {
    $scka_value="";
    while (<TXT>) {
        last if (/^END/);
       .chomp;
        my @octets = split(/\v/);

```

```

shift @octets;
for (@octets) {
    $cka_value .= chr(oct);
}
}
}
if(/^CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST/ && $valid) {
    # now scan the trust part to determine how we should trust this cert
    while (<TXT>) {
        last if (/^#/);
        if (/^CKA_TRUST_([A-Z_]+)\s+CK_TRUST\s+CKT_NSS_([A-Z_]+)\s*$/) {
            if ( !is_in_list($1,@valid_mozilla_trust_purposes) ) {
                report "Warning: Unrecognized trust purpose for cert: $scaname. Trust purpose: $1. Trust Level: $2";
            } elsif ( !is_in_list($2,@valid_mozilla_trust_levels) ) {
                report "Warning:
Unrecognized trust level for cert: $scaname. Trust purpose: $1. Trust Level: $2";
            } else {
                push @{$trust_purposes_by_level{$2}}, $1;
            }
        }
    }

    if ( !should_output_cert(%trust_purposes_by_level) ) {
        $skipnum ++;
        report "Skipping: $scaname" if ($opt_v);
    } else {
        my $data = $cka_value;
        $cka_value = "";
        my $encoded = MIME::Base64::encode_base64($data, "");
        $encoded =~ s/(.{1,$opt_w})/$1\n/g;
        my $pem = "-----BEGIN CERTIFICATE-----\n"
            . $encoded
            . "-----END CERTIFICATE-----\n";
        print CRT "\n$scaname\n";
        print CRT @precert if($opt_m);
        my $maxLength = length(decode('UTF-8', $scaname, Encode::FB_CROAK | Encode::LEAVE_SRC));
        if ($opt_t) {
            foreach my $key (keys %trust_purposes_by_level) {
                my $string = $key . ": " . join(" ", @{$trust_purposes_by_level{$key}});
                $maxLength = List::Util::max( length($string), $maxLength );
            }
            print CRT $string . "\n";
        }
        print CRT ("=" x $maxLength . "\n");
        if (!$opt_t) {
            print CRT $pem;
        } else {

```

```

my $pipe = "";
foreach my $hash (@included_signature_algorithms) {
    $pipe = "|$openssl x509 -" . $hash . " -fingerprint -noout -inform PEM";
    if (!$stdout) {
        $pipe .= " >> $crt.~";
        close(CRT) or die "Couldn't close $crt.~: $!";
    }
    open(TMP, $pipe) or die "Couldn't open openssl pipe: $!";
    print TMP $pem;
    close(TMP) or die "Couldn't close openssl pipe: $!";
    if (!$stdout) {
        open(CRT, ">>$crt.~") or die "Couldn't open $crt.~: $!";
    }
}
$pipe = "|$openssl x509 -text -inform PEM";
if (!$stdout) {
    $pipe .= " >> $crt.~";
    close(CRT) or die "Couldn't close $crt.~: $!";
}
open(TMP, $pipe) or die "Couldn't open openssl pipe: $!";
print TMP
$pem;
close(TMP) or die "Couldn't close openssl pipe: $!";
if (!$stdout) {
    open(CRT, ">>$crt.~") or die "Couldn't open $crt.~: $!";
}
}
report "Parsing: $aname" if ($opt_v);
$certnum ++;
$start_of_cert = 0;
}
undef @precert;
}

}
close(TXT) or die "Couldn't close $txt: $!\n";
close(CRT) or die "Couldn't close $crt.~: $!\n";
unless( $stdout ) {
    if ($opt_b && -e $crt) {
        my $bk = 1;
        while (-e "$crt.~{$bk}~") {
            $bk++;
        }
        rename $crt, "$crt.~{$bk}~" or die "Failed to create backup $crt.~$bk}~: $!\n";
    } elsif( -e $crt ) {
        unlink( $crt ) or die "Failed to remove $crt: $!\n";
    }
    rename "$crt.~", $crt or die "Failed to rename $crt.~ to $crt: $!\n";
}

```

```

}
if($opt_u && -e $txt && !unlink($txt)) {
    report "Failed to remove $txt: $!\n";
}
report "Done ($certnum CA certs processed, $skipnum skipped).";

```

Found in path(s):

```

* /ca-certificates-bundle-20230506-r0-os-alpine-3-18-0-tar-xz/ca-certificates-20230506-tar-bz2/ca-certificates-20230506/mk-ca-bundle.pl

```

1.352 rocksdbjni 7.0.3

1.352.1 Available under license :

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

```

// Copyright (c) 2016, Facebook, Inc. All rights reserved.
// This source code is licensed under both the GPLv2 (found in the

```

Found in path(s):

```

* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractImmutableNativeReference.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Holder.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractNativeReference.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksMutableObject.java

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* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/UInt64AddOperator.java

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Found in path(s):

```

* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RateLimiter.java

```

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```

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```

Found in path(s):

```

* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/VectorMemTableConfig.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TableProperties.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractTableFilter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractMutableOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SkipListMemTableConfig.java

```

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* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SizeApproximationFlag.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/util/Environment.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/NativeLibraryLoader.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MutableDBOptionsInterface.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/HashSkipListMemTableConfig.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TransactionLogIterator.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/InfoLogLevel.java
*
/rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionStopStyle.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/HashLinkedListMemTableConfig.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TableFilter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MutableOptionValue.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MutableOptionKey.java
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```

* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/OperationType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/util/IntComparator.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractComparatorJniBridge.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/EncodingType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/OperationStage.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/OptionString.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/LRUCache.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MemoryUsageType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractCompactionFilter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TransactionDBOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/HistogramType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/EnvOptions.java
*
/rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractEventListener.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/util/ReverseBytewiseComparator.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/DataBlockIndexType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WriteBatchWithIndex.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractCompactionFilterFactory.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ComparatorType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/StateType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompressionType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AdvancedColumnFamilyOptionsInterface.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksDBException.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Snapshot.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TableFileDeletionInfo.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/BackupInfo.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TransactionOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Checkpoint.java
*

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/rocksdbjni-7-0-3-sources-jar/org/rocksdb/WalFileType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksDB.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Slice.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ExternalFileIngestionInfo.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/PersistentCache.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SstPartitionerFixedPrefixFactory.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AccessHint.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/util/SizeUnit.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Cache.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionJobStats.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WriteBatchInterface.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WriteOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionJobInfo.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/FlushJobInfo.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TableFileCreationReason.java
*
/rocksdbjni-7-0-3-sources-jar/org/rocksdb/MemTableConfig.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/util/BytewiseComparator.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionPriority.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MemoryUtil.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SstFileWriter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/LevelMetaData.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MutableColumnFamilyOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/BackupEngine.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RestoreOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SstPartitionerFactory.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WBWIROcksIterator.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ColumnFamilyOptionsInterface.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksCallbackObject.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SstFileManager.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/IndexType.java
*
/rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksEnv.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/NativeComparatorWrapper.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TransactionalOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WriteBatch.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Logger.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractWriteBatch.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractSlice.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/DirectSlice.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TraceWriter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WALRecoveryMode.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionReason.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ClockCache.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Statistics.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ThreadType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TransactionDB.java

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- *
- /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TickerType.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TtlDB.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TableFileCreationInfo.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Options.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionOptionsFIFO.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractTransactionNotifier.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AdvancedMutableColumnFamilyOptionsInterface.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionStyle.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RateLimiterMode.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksIteratorInterface.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Env.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ColumnFamilyOptions.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/HistogramData.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Status.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/BuiltinComparator.java
- *
- /rocksdbjni-7-0-3-sources-jar/org/rocksdb/DbPath.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/IndexShorteningMode.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TimedEnv.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksMemEnv.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TxnDBWritePolicy.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/DBOptionsInterface.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RemoveEmptyValueCompactionFilter.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Experimental.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MutableColumnFamilyOptionsInterface.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Range.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TraceOptions.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/LogFile.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SstFileReaderIterator.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SstFileReader.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractComparator.java
- *
- /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WriteBufferManager.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/BloomFilter.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksIterator.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ReadOptions.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WriteStallInfo.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ColumnFamilyHandle.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/LiveFileMetaData.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/BlockBasedTableConfig.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ColumnFamilyDescriptor.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ThreadStatus.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Transaction.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/IngestExternalFileOptions.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/PlainTableConfig.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/FlushReason.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractRocksIterator.java


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* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ReusedSynchronisationType.java
*
/rocksdbjni-7-0-3-sources-jar/org/rocksdb/Filter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactRangeOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MemTableInfo.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/EventListener.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/DBOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/OptimisticTransactionOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/BackupEngineOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ComparatorOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/StatsLevel.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractWalFilter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/BackgroundErrorReason.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/SstFileMetaData.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MutableDBOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/StatsCollectorInput.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WalProcessingOption.java
*
/rocksdbjni-7-0-3-sources-jar/org/rocksdb/StatisticsCollectorCallback.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WriteStallCondition.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ChecksumType.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/AbstractTraceWriter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/FlushOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/Priority.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ReadTier.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TableFormatConfig.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TransactionalDB.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompressionOptions.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/StatisticsCollector.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/ColumnFamilyMetaData.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/FileOperationInfo.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/OptimisticTransactionDB.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/OptionsUtil.java
*
/rocksdbjni-7-0-3-sources-jar/org/rocksdb/KeyMayExist.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/WalFilter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/TableFileCreationBriefInfo.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/RocksObject.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CompactionOptionsUniversal.java
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* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CassandraCompactionFilter.java
* /rocksdbjni-7-0-3-sources-jar/org/rocksdb/CassandraValueMergeOperator.java

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- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/MergeOperator.java
- * /rocksdbjni-7-0-3-sources-jar/org/rocksdb/StringAppendOperator.java

1.353 okio 3.6.0

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* /okio-3-6-0-sources-jar/commonMain/okio/internal/FileSystem.kt
* /okio-3-6-0-sources-jar/commonMain/okio/FileHandle.kt
* /okio-3-6-0-sources-jar/unixMain/okio/UnixFileHandle.kt
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* /okio-3-6-0-sources-jar/hashFunctions/okio/internal/Md5.kt
* /okio-3-6-0-sources-jar/hashFunctions/okio/internal/Sha1.kt
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* /okio-3-6-0-sources-jar/commonMain/okio/Okio.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/Timeout.kt
 * /okio-3-6-0-sources-jar/nonJvmMain/okio/RealBufferedSink.kt
 * /okio-3-6-0-sources-jar/nonJvmMain/okio/Buffer.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/BufferedSink.kt
 * /okio-3-6-0-sources-jar/nonJvmMain/okio/Timeout.kt
 *
 /okio-3-6-0-sources-jar/commonMain/okio/Buffer.kt
 * /okio-3-6-0-sources-jar/nonJvmMain/okio/BufferedSink.kt
 * /okio-3-6-0-sources-jar/nonJvmMain/okio/Sink.kt
 * /okio-3-6-0-sources-jar/nonJvmMain/okio/BufferedSource.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/internal/Buffer.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/RealBufferedSource.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/Sink.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/Source.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/BufferedSource.kt
 * /okio-3-6-0-sources-jar/commonMain/okio/RealBufferedSink.kt
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* /okio-3-6-0-sources-jar/commonMain/okio/internal/-Utf8.kt

* /okio-3-6-0-sources-jar/nonAppleMain/okio/ByteString.kt

* /okio-3-6-0-sources-jar/commonMain/okio/Util.kt

* /okio-3-6-0-sources-jar/commonMain/okio/CommonPlatform.kt

* /okio-3-6-0-sources-jar/commonMain/okio/internal/ByteString.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/NonJvmPlatform.kt

*

/okio-3-6-0-sources-jar/commonMain/okio/ByteString.kt

* /okio-3-6-0-sources-jar/appleMain/okio/ByteString.kt

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* /okio-3-6-0-sources-jar/commonMain/okio/internal/RealBufferedSource.kt

* /okio-3-6-0-sources-jar/commonMain/okio/internal/SegmentedByteString.kt

* /okio-3-6-0-sources-jar/commonMain/okio/internal/RealBufferedSink.kt

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* /okio-3-6-0-sources-jar/nonJvmMain/okio/RealBufferedSource.kt

* /okio-3-6-0-sources-jar/commonMain/okio/Segment.kt

* /okio-3-6-0-sources-jar/commonMain/okio/SegmentPool.kt

* /okio-3-6-0-sources-jar/commonMain/okio/ForwardingSource.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/SegmentPool.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/ForwardingSource.kt

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- * /okio-3-6-0-sources-jar/appleMain/okio/SegmentedByteString.kt
- * /okio-3-6-0-sources-jar/nonAppleMain/okio/SegmentedByteString.kt
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- * /okio-3-6-0-sources-jar/nativeMain/okio/Cinterop.kt
- * /okio-3-6-0-sources-jar/unixMain/okio/UnixPosixVariant.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/internal/Path.kt

- * /okio-3-6-0-sources-jar/linuxMain/okio/LinuxPosixVariant.kt
- * /okio-3-6-0-sources-jar/nativeMain/okio/PosixFileSystem.kt
- * /okio-3-6-0-sources-jar/hashFunctions/okio/internal/Hmac.kt
- *
- /okio-3-6-0-sources-jar/nativeMain/okio/PosixVariant.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/HashingSource.kt
- * /okio-3-6-0-sources-jar/nativeMain/okio/FileSource.kt
- * /okio-3-6-0-sources-jar/appleMain/okio/ApplePosixVariant.kt
- * /okio-3-6-0-sources-jar/nativeMain/okio/FileSink.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/FileSystem.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/HashingSink.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/FileMetadata.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/Path.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/HashingSink.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/ForwardingFileSystem.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/ExperimentalFileSystem.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/HashingSource.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/Path.kt

1.354 micronaut-micrometer-core 5.4.0

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- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/grpc/GrpcMetricsListenerFactory.java

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jar/io/micronaut/configuration/metrics/binder/retry/RetryMetricsBinder.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/web/HttpMeterFilterFactory.java
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- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/netty/InstrumentedEventLoopTaskQueueFactory.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/datasource/DataSourcePoolMetricsBinderFactory.java
- *
- /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/executor/package-info.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/micrometer/intercept/TimedInterceptor.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/common/tags/CommonTagsConfigurer.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/aggregator/package-info.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/r2dbc/R2dbcPoolMetricsBinder.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/r2dbc/package-info.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/micrometer/MeterRegistryFactory.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/micrometer/logging/package-info.java
- *
- /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/micrometer/package-info.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/r2dbc/R2dbcPoolMetricsBinderFactory.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/logging/package-info.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/netty/InstrumentedEpollEventLoopGroupFactory.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/jvm/JvmMeterRegistryBinderFactory.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/web/package-info.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/aggregator/MeterRegistryConfigurer.java
- * /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/cache/package-info.java

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*
/micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/management/endpoint/MetricsEndpoint.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/netty/MonitoredQueue.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/netty/NettyMetricsPipelineBinder.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/aggregator/CompositeMeterRegistryConfigurer.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/netty/ChannelMetricsHandler.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/system/SystemMeterRegistryBinderFactoryFactory.java
* /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/management/endpoint/package-
info.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/datasource/DataSourcePoolMetricsBinder.java
*
/micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/web/ClientRequestMetricRegistryFilter.java
* /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/netty/package-info.java
* /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/annotation/package-info.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/netty/InstrumentedNioEventLoopGroupFactory.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/micrometer/logging/LoggingMeterRegistryFactory.java
* /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/jvm/package-info.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/web/WebMetricsPublisher.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/netty/InstrumentedKQueueEventLoopGroupFactory.java
*
/micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/netty/NettyMetrics.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/cache/JCacheMetricsBinder.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/web/ServerRequestMeterRegistryFilter.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/executor/ExecutorServiceMetricsBinder.java
* /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/system/package-
info.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/netty/ByteBufAllocatorMetricsBinder.java
* /micronaut-micrometer-core-5-4-0-sources-jar/io/micronaut/configuration/metrics/binder/datasource/package-
info.java
* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/logging/LogbackMeterRegistryBinderFactory.java

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* /micronaut-micrometer-core-5-4-0-sources-
jar/io/micronaut/configuration/metrics/binder/web/WebMetricsClientCondition.java
```

1.355 dropwizard-health 2.1.2

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```

Found in path(s):

```

* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/refresh/RefreshScopeCondition.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/logging/impl/LogbackLoggingSystem.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/logging/impl/LogbackUtils.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/beans/MapperIntroduction.java
*
/micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/beans/MapperMethodProcessor.java
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Found in path(s):

```

* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/event/annotation/EventListener.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/ApplicationConfiguration.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/exceptions/TaskExecutionException.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/io/watch/FileWatchCondition.java
*
/micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/async/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/processor/ScheduledMethodProcessor.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/io/watch/DefaultWatchThread.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/exceptions/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/EmbeddedApplication.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/NamedThreadFactory.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/ExecutorType.java

```


- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/server/event/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/converters/time/TimeConverterRegistrar.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/processor/package-info.java
- *
- /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/exceptions/SchedulerConfigurationException.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/async/AsyncInterceptor.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/ScheduledExecutorTaskScheduler.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/ExecutorConfiguration.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/refresh/RefreshEvent.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/annotation/Schedules.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/event/annotation/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/annotation/Async.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/CompositeMessageSource.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/logging/impl/Log4jLoggingSystem.java
- *
- /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/IOExecutorServiceConfig.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/refresh/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/TaskExceptionHandler.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/annotation/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/exceptions/ApplicationStartupException.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/ScopedProxy.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/refresh/RefreshInterceptor.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/DefaultTaskExceptionHandler.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/ThreadLocal.java
- *
- /micronaut-context-4-3-7-sources-jar/io/micronaut/logging/LoggingSystem.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/logging/PropertiesLoggingLevelsConfigurer.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/NextFireTime.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/cron/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/server/EmbeddedServer.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/io/watch/event/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/io/watch/WatchServiceFactory.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/Refreshable.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/io/watch/event/WatchEventType.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/TaskScheduler.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/annotation/ExecuteOn.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/ThreadSelection.java
- *
- /micronaut-context-4-3-7-sources-
- jar/io/micronaut/scheduling/instrument/InstrumentedScheduledExecutorService.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/instrument/package-info.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/io/watch/FileWatchConfiguration.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/server/event/ServerStartupEvent.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/annotation/Scheduled.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/Micronaut.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/converters/time/package-info.java

```

* /micronaut-context-4-3-7-sources-jar/io/micronaut/logging/LogLevel.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/TaskExecutors.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/ExecutorSelector.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/instrument/RunnableInstrumenter.java
*
/micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/exceptions/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/server/event/ServerShutdownEvent.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/event/AbstractEmbeddedApplicationEvent.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/event/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/UserExecutorConfiguration.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/ReschedulingTask.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/DefaultExecutorSelector.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/DefaultThreadFactory.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/logging/LoggingConverterRegistrar.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/ThreadLocalCustomScope.java
*
/micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/ScheduledExecutorServiceConfig.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/event/ApplicationStartupEvent.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/ExecutorFactory.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/event/ApplicationShutdownEvent.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/executor/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/io/watch/event/FileChangedEvent.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/refresh/RefreshScope.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/server/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/io/watch/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/env/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/instrument/InstrumentedExecutorService.java
*
/micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/env/ConfigurationAdvice.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/instrument/InstrumentedExecutor.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/package-info.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/env/ConfigurationIntroductionAdvice.java
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```

Found in path(s):

```

* /micronaut-context-4-3-7-sources-jar/META-INF/native-image/io.micronaut/micronaut-context/native-
image.properties
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- */

Found in path(s):

- * /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/server/watch/event/FileWatchRestartListener.java
- * /micronaut-context-4-3-7-sources-jar/io/micronaut/logging/LoggingSystemException.java

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 *MapClaims.java
 * Note: rewritten to standard Java 8 DateTime by zemiak (c) 2016
 * Forked from: https://github.com/frode-carlsen/cron
 */
```

Found in path(s):

- * /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/cron/CronExpression.java

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Found in path(s):

```

* /micronaut-context-4-3-7-sources-jar/io/micronaut/scheduling/LoomSupport.java
* /micronaut-context-4-3-7-sources-jar/io/micronaut/runtime/context/scope/refresh/RefreshEventListener.java

```

1.362 micronaut-management 4.3.7

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Found in path(s):

```

* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/monitor/HealthMonitorTask.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/client/ServiceHttpClientHealthIndicator.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/EndpointSensitivityHandler.java
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Found in path(s):

- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/beans/BeanDefinitionDataCollector.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/EndpointDefaultConfiguration.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/processors/WriteEndpointRouteBuilder.java
- *
- /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/impl/LogbackLoggingSystem.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/threads/impl/DefaultThreadInfoMapper.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/health/filter/HealthResultFilter.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/impl/Log4jLoggingSystem.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/health/DetailsVisibility.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/annotation/Readiness.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/aggregator/HealthAggregator.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/aggregator/package-info.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/threads/package-info.java
- *
- /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/DefaultHealthResult.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/annotation/Read.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/source/BuildInfoSource.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/package-info.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/beans/impl/DefaultBeanDefinitionDataCollector.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/env/package-info.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/package-info.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/service/ServiceReadyHealthIndicator.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/routes/RouteDataCollector.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/LoggersEndpoint.java
- *
- /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/diskspace/DiskSpaceIndicator.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/HealthResult.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/routes/RouteData.java
- * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/health/HealthLevelOfDetail.java

* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/stop/ServerStopEndpoint.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/diskspace/DiskSpaceIndicatorConfiguration.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/beans/package-info.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/monitor/package-info.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/impl/package-info.java
 *
 /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/InfoSource.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/source/package-info.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/threads/ThreadInfoMapper.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/impl/ReactiveInfoAggregator.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/discovery/DiscoveryClientHealthIndicatorConfiguration.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/routes/impl/package-info.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/routes/impl/DefaultRouteDataCollector.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/beans/impl/DefaultBeanDefinitionData.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/source/GitInfoSource.java
 *
 /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/EndpointEnabledCondition.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/annotation/Write.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/env/EnvironmentEndpoint.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/processors/AbstractEndpointRouteBuilder.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/HealthIndicator.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/processors/package-info.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/discovery/DiscoveryClientHealthIndicator.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/impl/DefaultLoggersManager.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/refresh/package-info.java
 *
 /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/beans/impl/package-info.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/EndpointsFilter.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/threads/ThreadDumpEndpoint.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/beans/BeansEndpoint.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/stop/package-info.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/annotation/Liveness.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/health/filter/package-info.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/ManagedLoggingSystem.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/source/PropertiesInfoSource.java
 * /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/annotation/Selector.java
 *

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/micronaut-management-4-3-7-sources-
jar/io/micronaut/management/endpoint/info/source/ConfigurationInfoSource.java
* /micronaut-management-4-3-7-sources-
jar/io/micronaut/management/endpoint/processors/ReadEndpointRouteBuilder.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/InfoEndpoint.java
* /micronaut-management-4-3-7-sources-
jar/io/micronaut/management/health/indicator/AbstractHealthIndicator.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/diskspace/package-info.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/InfoAggregator.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/annotation/Endpoint.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/EndpointConfiguration.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/health/package-info.java
*
/micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/EndpointSensitivityProcessor.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/routes/impl/DefaultRouteData.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/beans/BeanDefinitionData.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/discovery/package-info.java
* /micronaut-management-4-3-7-sources-
jar/io/micronaut/management/health/aggregator/DefaultHealthAggregator.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/LoggerConfiguration.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/annotation/Delete.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/routes/RoutesEndpoint.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/refresh/RefreshEndpoint.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/annotation/package-info.java
*
/micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/annotation/Sensitive.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/package-info.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/jdbc/package-info.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/jdbc/JdbcIndicator.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/impl/package-info.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/info/package-info.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/health/HealthEndpoint.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/loggers/LoggersManager.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/health/indicator/HealthCheckType.java
*
/micronaut-management-4-3-7-sources-
jar/io/micronaut/management/endpoint/processors/DeleteEndpointRouteBuilder.java
* /micronaut-management-4-3-7-sources-jar/io/micronaut/management/endpoint/routes/package-info.java
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jar/io/micronaut/management/endpoint/env/EnvironmentFilterSpecification.java
* /micronaut-management-4-3-7-sources-
jar/io/micronaut/management/endpoint/env/EnvironmentEndpointFilter.java

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1.364 commons-logging 1.2

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1.366 lz4-java 1.8.0

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1.367 guice-servlet 4.2.2

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1.368 commons-lang 2.6

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