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 */

For hadoop-hdfs-project/hadoop-hdfs-native-client/src/main/native/fuse-dfs/util/tree.h

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hadoop-hdfs-project/hadoop-hdfs/src/main/webapps/static/dataTables.bootstrap.css
hadoop-hdfs-project/hadoop-hdfs/src/main/webapps/static/jquery.dataTables.min.js
hadoop-yarn-project/hadoop-yarn/hadoop-yarn-common/src/main/resources/webapps/static/dt-1.9.4/

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hadoop-tools/hadoop-sls/src/main/html/js/thirdparty/bootstrap.min.js
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- com.fasterxml.jackson.dataformat:jackson-dataformat-smile:2.6.6
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 * 
 * Abstract: The main routine
 * 
 * */

For src/main/native/src/org/apache/hadoop/io/compress/lz4/{lz4.h,lz4.c,lz4hc.h,lz4hc.c},

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Header File
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For hadoop-common-project/hadoop-common/src/main/native/gtest

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jquery-ui v1.11.4
loader.js v3.3.0
momentjs v2.10.6
qunit v1.19.0
select2 v4.0.0
snippet-ss v1.11.0
spin.js v2.3.2
Azure Data Lake Store - Java client SDK 2.0.11
JCodegs 1.0.8
Joni 2.1.2
Mockito 1.8.5
JUL to SLF4J bridge 1.7.25
SLF4J API Module 1.7.25
SLF4J LOG4J-12 Binding 1.7.25

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- nvd3#1.8.4

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- angular:1.4.8
- angular-drag-and-drop-list:1.4.0
- angular-moment:0.10.3
- bootstrap:3.3.6
- dagre:0.7.5
- dagre-d3:0.4.17
- ev-emitter:1.1.1
- font-awesome:4.5.0 (CSS)
- graphlib:1.0.7
- imagesloaded:4.1.4
- jquery:2.2.0
- lodash:3.10.1
- moment:2.10.6
- moment-duration-format:1.3.0
- qtip2:2.2.1
- Split.js:1.0.6

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- d3:3.5.12

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- font-awesome:4.5.0 (Font)
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- io.dropwizard.metrics:metrics-graphite:3.1.5

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- net.java.dev.jets3t:jets3t:0.9.0
- org.apache.httpcomponents:httpclient:4.5.3
- org.apache.httpcomponents:httpcore:4.4.6
- commons-httpclient:commons-httpclient:3.1
- org.codehaus.jackson:jackson-core-asl:1.9.13
- org.codehaus.jackson:jackson-mapper-asl:1.9.13

The version of the actual Hadoop dependencies depend on the built.

- org.apache.hadoop:hadoop-common
- org.apache.hadoop:hadoop-hdfs
- org.apache.hadoop:hadoop-mapreduce-client-core
- org.apache.hadoop:hadoop-yarn-client
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- com.google.protobuf:protobuf-java:2.5.0

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- com.fasterxml.jackson.core:jackson-annotations:2.8.0
- com.fasterxml.jackson.core:jackson-core:2.8.4
- io.confluent:common-utils:3.3.1
- io.confluent:kafka-schema-registry-client:3.3.1
- org.apache.zookeeper:zookeeper:3.4.10
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- com.fasterxml.jackson.dataformat:jackson-dataformat-yaml:2.8.1
- com.github.spullara.mustache.java:compiler:0.9.3
- com.tdunning:t-digest:3.0
- commons-codec:commons-codec:1.10
- commons-logging:commons-logging:1.1.3
- io.netty:netty:3.10.6.Final
- io.netty:netty-buffer:4.1.6.Final
- io.netty:netty-codec:4.1.6.Final
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- org.apache.hadoop:hadoop-common
- org.apache.hadoop:hadoop-hdfs
- org.apache.hadoop:hadoop-mapreduce-client-app
- org.apache.hadoop:hadoop-mapreduce-client-common
- org.apache.hadoop:hadoop-mapreduce-client-core
- org.apache.hadoop:hadoop-mapreduce-client-hs
- org.apache.hadoop:hadoop-mapreduce-client-jobclient
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- asm:asm:3.1
- com.google.protobuf.protobuf-java:2.5.0

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Version 1.1 - 26 February 2007

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- joda-time:joda-time:2.5
- net.hydromatic:aggdesigner-algorithm:6.0
- org.apache.calcite:calcite-core:1.17.0
- org.apache.calcite:calcite-linq4j:1.17.0
- org.apache.calcite.avatica:avatica-core:1.12.0

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ASM: a very small and fast Java bytecode manipulation framework

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- com.google.code.findbugs:jsr305:1.3.9
- com.twitter:chill-java:0.7.6
- com.twitter:chill_2.11:0.7.6
- com.typesafe:config:1.3.0
- com.typesafe:ssl-config-core_2.11:0.2.1
- com.typesafe.akka:akka-actor_2.11:2.4.20
- com.typesafe.akka:akka-camel_2.11:2.4.20
- com.typesafe.akka:akka-protobuf_2.11:2.4.20
- com.typesafe.akka:akka-slf4j_2.11:2.4.20
- com.typesafe.akka:akka-stream_2.11:2.4.20
- commons-cli:commons-cli:1.3.1
- commons-collections:commons-collections:3.2.2
- commons-io:commons-io:2.4
- org.apache.camel:camel-core:2.17.7
- org.apache.commons:commons-compress:1.18
- org.apache.commons:commons-lang3:3.3.2
- org.apache.commons:commons-math3:3.5
- org.javassist:javassist:3.19.0-GA
- org.objenesis:objenesis:2.1
- org.xerial.snappy:snappy-java:1.1.4

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- com.esotericsoftware.kryo:kryo:2.24.0
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- org.clapper:grizzled-slf4j_2.11:1.3.2

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- org.scala-lang:scala-compiler:2.11.12
- org.scala-lang:scala-library:2.11.12
- org.scala-lang:scala-reflect:2.11.12
- org.scala-lang.modules:scala-java8-compat_2.11:0.7.0
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- org.scala-lang.modules:scala-xml_2.11:1.0.5

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- dagre:0.7.5
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- lodash:3.10.1
- moment:2.10.6
- moment-duration-format:1.3.0
- qtip2:2.2.1
- Split.js:1.0.6

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- d3:3.5.12

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  -> fonts in "flink-runtime-web/web-dashboard/web/fonts"
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- org.apache.mesos:mesos:1.0.1
- com.fasterxml.jackson.core:jackson-annotations:2.4.0
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- com.aliyun:aliyun-java-sdk-ecs:4.2.0
- com.aliyun:aliyun-java-sdk-ram:3.0.0
- com.aliyun:aliyun-java-sdk-sts:3.0.0
- com.fasterxml.jackson.core:jackson-annotations:2.7.0
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- com.fasterxml.jackson.core:jackson-databind:2.7.8
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- com.github.stephenc.jcip:jcip-annotations:1.0-1
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- commons-lang:commons-lang:3.3.2
- commons-logging:commons-logging:1.1.3
- commons-net:commons-net:3.6
- net.minidev:accessors-smart:1.2
- net.minidev:json-smart:2.3
- org.apache.avro:avro:1.8.2
- org.apache.commons:commons-compress:1.18
- org.apache.commons:commons-configuration2:2.1.1
- org.apache.commons:commons-lang3:3.3.2
- org.apache.commons:commons-math3:3.5
- org.apache.curator:curator-client:2.12.0
- org.apache.curator:curator-framework:2.12.0
- org.apache.curator:curator-recipes:2.12.0
- org.apache.hadoop:hadoop-aliyun:3.1.0
- org.apache.hadoop:hadoop-annotations:3.1.0
- org.apache.hadoop:hadoop-auth:3.1.0
- org.apache.hadoop:hadoop-common:3.1.0
- org.apache.htrace:htrace-core4:4.1.0-incubating
- org.apache.httpcomponents:httpclient:4.5.3
- org.apache.httpcomponents:httpcore:4.4.6
- org.apache.kerby:kerb-admin:1.0.1
- org.apache.kerby:kerb-client:1.0.1
- org.apache.kerby:kerb-common:1.0.1
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- org.apache.zookeeper:zookeeper:3.4.10
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- org.codehaus.jackson:jackson-jaxrs:1.9.2
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- org.codehaus.jackson:jackson-xc:1.9.2
- org.codehaus.jettison:jettison:1.1
- org.eclipse.jetty:jetty-server:9.3.19.v20170502
- org.eclipse.jetty:jetty-servlet:9.3.19.v20170502
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- org.xerial.snappy:snappy-javmajor:1.1.4

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- stax:stax-api:1.0.1

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- com.sun.jersey:jersey-json:1.9
- com.sun.jersey:jersey-server:1.19
- com.sun.jersey:jersey-servlet:1.19
- com.sun.xml.bind:jaxb-impl:2.2.3-1
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- net.sf.opencsv:opencsv:2.3
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- org.typelevel:macro-compat_2.11:1.1.1

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- commons-beanutils:commons-beanutils:1.9.3
- commons-cli:commons-cli:1.3.1
- commons-codec:commons-codec:1.10
- commons-collections:commons-collections:3.2.2
- commons-configuration:commons-configuration:1.7
- commons-daemon:commons-daemon:1.0.13
- commons-digester:commons-digester:1.8.1
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- commons-lang:commons-lang:2.6
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- org.apache.zookeeper:zookeeper:3.4.10
- org.codehaus.jackson:jackson-core-asl:1.9.13
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1.7 antlr 4.7.1

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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] ;

:={
(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);} )+ )
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 = $b.omos.get(0);
|CodeBlockForAlt alt = new CodeBlockForAlt(controller.delegate);
|alt.addOp(blk);
|alts.add(alt);
|SrcOp loop = controller.getEBNFBock($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)
lexer grammar ActionSplitter;

options { filter=true; }

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

    @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)* \n\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);}
'|\S' {buf.append(S$);}
'|\ c=~('S') {buf.append(\).append((char)$c);}
|[!isIDStartChar(input.LA(2))]? => 'S' {buf.append(S$);}
)+
;

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:( ' '|\n|\r)+
;

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* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/StarBlock.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/decl/StructDecl.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/TestSetInline.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/LL1Loop.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/VisitorDispatchMethod.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/DispatchMethod.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/StarBlock.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/decl/StructDecl.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/TestSetInline.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/target/Python2Target.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/Tool.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/automata/TailEpsilonRemover.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_parser.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/target/Python2Target.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/AST/AltAST.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/decl/StructDecl.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/TestSetInline.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/ANTLRMessage.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/GrammarTransformPipeline.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/GrammarTransformPipeline.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/misc/EscapeSequenceParsing.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/decl/CodeBlock.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/chunk/ActionTemplate.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/ast/OptionalBlockAST.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/ast/RuleAST.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/declRuleContextDecl.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/Choice.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/InvokeRule.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/parse/v3TreeGrammarException.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/misc/MutableInt.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/automata/ParserATNFactory.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/UnicodeEscapes.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/LL1OptionalBlock.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/Target.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/chunk/RulePropertyRef_start.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/CodeGeneratorExtension.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/declRuleContextDecl.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/ast/RuleAST.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/semantics/SemanticPipeline.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/semantics/SemanticPipeline.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/BuildDependencyGenerator.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/MatchNotSet.java
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/model/CodeBlockForAlt.java

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

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

blockSet
@init {
boolean inLexer = Grammar.isTokenName(currentRuleName);
}
@after {
GrammarTransformPipeline.setGrammarPtr(g, Stree);
}
:^<RULE)? // top-level: rule block and > 1 alt
^(BLOCK ^(alt=ALT elementOptions? {((AltAST)$alt).altLabel==null}? setElement[inLexer]) ( ^(ALT elementOptions? setElement[inLexer]) )+)
-> ^(BLOCK<BlockAST>^[SBLOCK.token] ^(ALT<AltAST>[SBLOCK.token,"ALT"] ^(SET[SBLock.token, "SET"] setElement+)))
[[^inContext("RULE")]? // if not rule block and > 1 alt
^(BLOCK ^(ALT elementOptions? setElement[inLexer]) ( ^(ALT elementOptions? setElement[inLexer]) )+)
-> ^(SET[SBLock.token, "SET"] setElement+)
;
setElement[boolean inLexer]
@after {
GrammarTransformPipeline.setGrammarPtr(g, Stree);
}
:a=STRING_LITERAL elementOptions) {'inLexer ||
CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
| a=STRING_LITERAL {'inLexer || CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
| {'inLexer}?= > ^ T(E N K_R E F elementOptions)
| {'inLexer}?= > TOKEN_REF
| {'inLexer}?=> ^ (RANGE a=STRING_LITERAL b=STRING_LITERAL)
| CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1 &&
CharSupport.getCharValueFromGrammarCharLiteral($b.getText())!=-1]?
)
;
;
elementOptions
:a=(ELEMENT_OPTIONS elementOption*)
;

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

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*/

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* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/templates/messages/formats/vs2005.stg
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/templates/messages/formats/gnu.stg
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/templates/messages/formats/antlr.stg

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*/

/** Find left-recursive rules */
tree grammar LeftRecursiveRuleWalker;

options {
    tokenVocab=ANTLRParser;
    ASTLabelType=GrammarAST;
}

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

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

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

@rulecatch {

    // TODO: can get parser errors for not matching pattern; make them go away
    public rec_rule returns [boolean isLeftRec]
    @init
    {
        currentOuterAltNumber = 1;
    }
/** An alt is either prefix, suffix, binary, or ternary operation or "other" */
outerAlternative returns [boolean isLeftRec]
  : (binary)=> binary
    {binaryAlt((AltAST)$start, currentOuterAltNumber); $isLeftRec=true;}
binary
  ::^( ALT elementOptions? recurse element* recurse epsilonElement* )
    {setAltAssoc((AltAST)$ALT, currentOuterAltNumber);}
    ;

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

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

nonLeftRec
  ::^(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 {St = $s.t;})
  |^(PLUS_ASSIGN ID s=token {St = $s.t;})
  |b=STRING_LITERAL {St = $b;}
    |^(b=STRING_LITERAL elementOptions){St = $b;}
  |^(c=TOKEN_REF elementOptions){St = $c;}
  |c=TOKEN_REF {St = $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
    | SEMPPRED
    | 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
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*/

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

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

lexerCommandExpr
:id

element returns [ATNFactory.Handle p]
:labeledElement{$p = $labeledElement.p;}
|atom{$p = $atom.p;}
|subrule{$p = $subrule.p;}
|  ACTION {$p = factory.action((ActionAST)$ACTION);}
|  SEMPREDSp = factory.sempred((PredAST)$SEMPRED;)
|   ^(ACTION .){sp = factory.action((ActionAST)$ACTION);}
|   ^(SEMPRED .){sp = factory.sempred((PredAST)$SEMPRED;}
|   ^NOT b=blockSet[true]{$p = $b.p;}
|   [LEXER_CHAR_SET {$sp = 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) {sp = factory.label($element.p);}
| ^(PLUS_ASSIGN ID element) {sp = factory.listLabel($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{sp = $range.p;}
|^\{(DOT ID terminal){sp = $terminal.p;}
|^\{(DOT ID ruleref){sp = $ruleref.p;}
| ^\{(WILDCARD .){sp = factory.wildcard($start);}
| WILDCARD{sp = 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 .*)){sp = factory.ruleRef($RULE_REF);}
| ^\{(RULE_REF ARG_ACTION?){sp = factory.ruleRef($RULE_REF);}
| RULE_REF{sp = factory.ruleRef($RULE_REF);}

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

; terminal returns [ATNFactory.Handle p]

elementOptions
:^{(ELEMENT_OPTIONS elementOption*)

:\n
elementOption
:ID
|^((ASSIGN ID ID)
|^((ASSIGN ID STRING_LITERAL)
|^((ASSIGN ID ACTION)
|^((ASSIGN ID INT)

:Found in path(s):
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/parse/ATNBuilder.g

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*/opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
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Open Source Used In DNAC NDP Frost 242
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 {
    language = Java;
    superclass = AbstractA3Lexer;
}

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

@lexer::header {
    /*
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```java
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;
    }
}
```
} 
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 alo 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 accidentaly
// 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

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

// --------------
// 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

: T'

( 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 belive 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 imblanced {} 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       : '$'                    ;
DOT          : '.'                    ; // can be WILDCARD or DOT in qid or imported rule ref
/* Allow unicode rule/token names */
ID:a=NameStartChar NameChar*
{
    if ( Grammar.isTokenName($a.text) ) $type = TOKEN_REF;
    else $type = RULE_REF;
}
;

fragment NameChar : NameStartChar
    | '0'..'9'
    | ' ' .. '
    | "\u00B7"
    | "\u0300"..'\u036F'
    | "\u203F"..'\u2040'
    | 'A'..'Z' | 'a'..'z'
    | '\u00C0'..'\u00D6'
    | '\u00D8'..'\u00F6'
    | '\u00F8'..'\u200C'
    | '\u2070'..'\u207F'
    | '\u2020'..'\u202F'
    | '\u2030'..'\u218F'
    | '\u2C00'..'\u2FFFF'
    | '\u3000'..'\u30FF'
    | '\uF900'..'\uFDCF'
    | '\uFDF0'..'\uFEFF'
    | '\uFF00'..'\uFFFF'
    ; // ignores | [\u10000-\uEFFFF] ;

// ----------------------------
// Literals embedded in actions
//
// Note that we have made the assumption that the language used within
// actions uses the fairly standard " and ' delimiters for literals and
// that within these literals, characters are escaped using the \ character.
// There are some languages which do not conform to this in all cases, such
// as by using /string/ and so on. We will have to deal with such cases if
// if they come up in targets.

// Within actions, or other structures that are not part of the ANTLR syntax, we may encounter literal characters. Within these, we do not want to inadvertently match things like ‘}’ and so we eat them specifically. While this rule is called CHAR it allows for the fact that some languages may use/allow ‘ as the string delimiter.

//
fragment ACTION_CHAR_LITERAL
   :遁’ ((遁‘)=>ACTION_ESC | ~遁’)*遁’
   ;

// 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
   :遁" ((遁")=>ACTION_ESC | ~遁")*遁"
   ;

// 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
   :遁\.
   ;

// -------
// Integer

// Obviously (I hope) match an arbitrary long sequence of digits.

//
INT : (遁’..遁’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 | ~("\n\r\"\'\"\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'|'\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);
grahamError(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));
}
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// ------------
// Whitespace

// Characters and character constructs that are of no importance
to the parser and are used to make the grammar easier to read
// for humans.

// WS
: ( 
    | \t
    | \r
    | \n
)+
{$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 | \r | \n
// 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 | \r | \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();
    }
  ;

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/parse/ANTLRLexer.g
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* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/tool/templates/codegen/Swift/Swift.stg

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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.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) { }

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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, ListGrammarAST> modifiers, ActionAST arg, ActionAST returns, GrammarAST throts, GrammarAST options, ActionAST locals, ListGrammarAST> actions, GrammarAST block) {} 
public void finishRule(RuleAST rule, GrammarAST ID, GrammarAST block) {} 
public void discoverLexerRule(RuleAST rule, GrammarAST ID, ListGrammarAST> 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($start);
}
delegateGrammars
@init {
dropDelegateGrammars($start);
}
@after {
exitDelegateGrammars($start);
}
: ^(IMPORT delegateGrammar+) ;

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

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

tokenSpec
@init {
dropTokenSpec($start);
}
@after {
exitTokenSpec($start);
}
: ID {defineToken($ID);}
;

channelsSpec
@init {
dropChannelsSpec($start);
}
@after {
    exitChannelsSpec($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
 rãi
 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
|  rulerref
;

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+}
\texttt{lexerCommand}
@init {
enterLexerCommand($start);
}
@after {
exitLexerCommand($start);
}
\texttt{lexerCommandExpr}
@init {
enterLexerCommandExpr($start);
}
@after {
exitLexerCommandExpr($start);
}
\texttt{element}
@init {
enterElement($start);
}
@after {
exitElement($start);
}
\texttt{labeledElement}
| \texttt{atom}
| \texttt{subrule}
  | \texttt{ACTION\{actionInAlt((ActionAST)$ACTION);\}}
  | \texttt{SEMPRED\{sempredInAlt((PredAST)$SEMPRED);\}}
  | \texttt{^(ACTION elementOptions)\{actionInAlt((ActionAST)$ACTION);\}}
  | \texttt{^(SEMPRED elementOptions)\{sempredInAlt((PredAST)$SEMPRED);\}}
  | \texttt{range}
  | \texttt{^(NOT blockSet)}
  | \texttt{^(NOT block)}
| ;

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

ruleref
@init {
enterRuleref($start);
}
@after {
exitRuleref($start);
}
:^{\text{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);
}
:^{\text{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)$start.getParent()]*)
       {elementOption[(GrammarASTWithOptions)$start.getParent()].*}
;

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

Found in path(s):  
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/parse/GrammarTreeVisitor.g

1.8 isorelax 20090621

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* /opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-
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/*
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* /opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-jar/org/iso_relax/dispatcher/AttributesDecl.java
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 * @(#)Id: SchemaProvider.java,v 1.6 2003/05/30 23:46:32 kkawa Exp $
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 * @(#)Id: ElementDecl.java,v 1.3 2001/11/01 00:11:45 kkawa Exp $
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* /opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-
  jar/org/iso_relax/dispatcher/impl/DispatcherImpl.java

1.9 protobuf-java 3.7.1

1.10 snake-yaml 1.17

1.10.1 Available under license:

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1.12 aspect-j 1.8.13

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1.13 netty 4.1.32.Final

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  jar/javassist/bytecode/annotation/ArrayMemberValue.java
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* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/compiler/ast/IntConst.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/convert/Transformer.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/InstructionPrinter.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/AccessFlag.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/expr/NewExpr.java
1.17 googleoauthclientjava 1.20.0

1.18 json-smart 1.3.1

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* /opt/cola/permits/1135929232_1613636794.12/0/json-smart-1-3-1-sources-2-jar/net/minidev/json/parser/JSONParserByteArray.java
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* /opt/cola/permits/1135929232_1613636794.12/0/json-smart-1-3-1-sources-2-jar/net/minidev/json/JSONValue.java
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* /opt/cola/permits/1135929232_1613636794.12/0/json-smart-1-3-1-sources-2-jar/net/minidev/json/parser/JSONParser.java
* /opt/cola/permits/1135929232_1613636794.12/0/json-smart-1-3-1-sources-2-jar/net/minidev/json/parser/ContentHandlerCompressor.java
* /opt/cola/permits/1135929232_1613636794.12/0/json-smart-1-3-1-sources-2-jar/net/minidev/json/parser/ContentHandlerDumy.java

1.19 grpc-protobuf-lite 1.9.0

1.20 netty 4.1.46.Final

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* /opt/cola/permits/11106766440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/AddressResolverGroup.java
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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2.jar/io/netty/resolver/AddressResolver.java
* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2.jar/io/netty/resolver/AddressResolverGroup.java
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1.27 scala-reflect 2.11.12
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/** 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
 * for more details.
 */

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1.28 java-jwt 3.8.3
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  </organization>

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  <sourceDirectory>.</sourceDirectory>
1.30 ivy 2.3.0

1.30.1 Available under license:

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 *
*/

package org.apache.ivy.core.module.descriptor;

public class License {
    private String name;
    private String url;

    public License(String name, String url) {
        this.name = name;
        this.url = url;
    }

    public String getName() {
        return name;
    }

    public String getUrl() {
        return url;
    }
}
this.name = name;
this.url = url;
}

public String getName() {
    return name;
}

public String getUrl() {
    return url;
}

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* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/AddInitTransformer.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/CallbackInfo.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/MixinEverythingEmitter.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/transform/impl/AddInitTransformer.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/transform/AbstractClassFilterTransformer.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/transform/impl/AbstractInterceptFieldCallback.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/CallbackHelper.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/core/MethodInfoTransformer.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/core/ClassInfo.java

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* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/core/DefaultNamingPolicy.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/InvocationHandlerGenerator.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/CallbackGenerator.java
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* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/Mixin.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/transform/ClassTransformerChain.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/transform/impl/AddStaticInitTransformer.java
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jar/net/sf/cglib/proxy/LazyLoaderGenerator.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/core/CodeEmitter.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/MethodInterceptorGenerator.java
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* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/proxy/Proxy.java
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* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/core/KeyFactory.java
* /opt/cola/permits/1112466733_1607091817.23/0/cglib-2-2-0-b21-sources-1-jar/net/sf/cglib/core/DebuggingClassWriter.java

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1.50 jwalterweatherman 1.1.0

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1.54 fast-infoset 1.2.15
1.55 javax-inject 2.2.0-b21

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* /opt/cola/permits/1112466749_1607091827.32/0/javax-inject-2-2-0-b21-sources-1-jar/javax/inject/Qualifier.java
* /opt/cola/permits/1112466749_1607091827.32/0/javax-inject-2-2-0-b21-sources-1-jar/javax/inject/Singleton.java
* /opt/cola/permits/1112466749_1607091827.32/0/javax-inject-2-2-0-b21-sources-1-jar/javax/inject/package-info.java
* /opt/cola/permits/1112466749_1607091827.32/0/javax-inject-2-2-0-b21-sources-1-jar/javax/inject/Provider.java

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1.56 netty-codec-http 4.1.34.Final

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jar/io/netty/handler/codec/http/HttpScheme.java
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jar/io/netty/handler/codec/http/cookie/CombinedHttpHeaders.java
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jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java
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1.58 percolator-client 7.0.0

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analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
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1.72 error_prone_annotations 2.3.2

1.73 protobuf-javanano 3.0.0-alpha-4

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* /opt/cola/permits/1136701639_1613865056.31/0/protobuf-javanano-3-0-0-alpha-4-sources-2-jar/com/google/protobuf/nano/MessageNanoPrinter.java
* /opt/cola/permits/1136701639_1613865056.31/0/protobuf-javanano-3-0-0-alpha-4-sources-2-jar/com/google/protobuf/nano/InvalidProtocolBufferNanoException.java
* /opt/cola/permits/1136701639_1613865056.31/0/protobuf-javanano-3-0-0-alpha-4-sources-2-jar/com/google/protobuf/nano/ExtendableMessageNano.java
* /opt/cola/permits/1136701639_1613865056.31/0/protobuf-javanano-3-0-0-alpha-4-sources-2-jar/com/google/protobuf/nano/UnknownFieldData.java
* /opt/cola/permits/1136701639_1613865056.31/0/protobuf-javanano-3-0-0-alpha-4-sources-2-jar/com/google/protobuf/nano/MapFactories.java
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* /opt/cola/permits/1136701639_1613865056.31/0/protobuf-javanano-3-0-0-alpha-4-sources-2-jar/com/google/protobuf/nano/CodedInputByteBufferNano.java

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* /opt/cola/permits/1136701639_1613865056.31/0/protobuf-javanano-3-0-0-alpha-4-sources-2-
  jar/com/google/protobuf/nano/FieldData.java
* /opt/cola/permits/1136701639_1613865056.31/0/protobuf-javanano-3-0-0-alpha-4-sources-2-
  jar/com/google/protobuf/nano/FieldArray.java

1.74 hcl 1.0.0-ef8a98b

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1.76 httpasyncclient 4.1.4

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1.77 swagger 1.5.0

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Manifest-Version: 1.0
Bnd-LastModified: 1433634398680
Build-Jdk: 1.7.0_72
Built-By: tony
Bundle-Description: Sonatype helps open source projects to set up Maven repositories on https://oss.sonatype.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-models
Bundle-SymbolicName: io.swagger.models
Bundle-Version: 1.5.0
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Tool: Bnd-2.3.0.201405100607
url: https://github.com/swagger-api/swagger-core/modules/swagger-models

Found in path(s):
* /opt/cola/permits/1001159702_1607016290.96/0/swagger-models-1-5-0-jar/META-INF/MANIFEST.MF

1.78 javassist 3.21.0-GA
1.79 cast 1.3.0

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1.80 go-runtime 1.10.4

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1.82 google-http-client-xml 1.20.0

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jar/io/netty/handler/codecs/rtsp/RtspHeaderValue.java
* /opt/ws_local/PERMITS_SQL/1068497222_1594393092.070/netty-codec-http-4-1-49-final-sources-1-
jar/io/netty/handler/codecs/ht-websocketx/extensions/WebSocketExtensionUtil.java
* /opt/ws_local/PERMITS_SQL/1068497222_1594393092.070/netty-codec-http-4-1-49-final-sources-1-
jar/io/netty/handler/codecs/ht-websocketx/extensions/WebSocketExtensionDecoder.java
* /opt/ws_local/PERMITS_SQL/1068497222_1594393092.070/netty-codec-http-4-1-49-final-sources-1-
jar/io/netty/handler/codecs/ht-websocketx/extensions/WebSocketServerExtension.java
* /opt/ws_local/PERMITS_SQL/1068497222_1594393092.070/netty-codec-http-4-1-49-final-sources-1-
jar/io/netty/handler/codecs/ht-websocketx/extensions/compression/PerMessageDeflateDecoder.java

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  /opt/ws_local/PERMITS_SQL/1068497222_1594393092.070/netty-codec-http-4-1-49-final-sources-1-
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  jar/io/netty/handler/codec/http/HttpServerExpectContinueHandler.java
* /opt/ws_local/PERMITS_SQL/1068497222_1594393092.07/0/netty-codec-http-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java
* /opt/ws_local/PERMITS_SQL/1068497222_1594393092.07/0/netty-codec-http-4-1-49-final-sources-1-
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jar/com/mongodb/operation/MapReduceBatchCursor.java
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jar/com/mongodb/bulk/package-info.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/UnwindOptions.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactory.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/CompressedHeader.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/RenameCollectionOptions.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/BSONTimestampCodec.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/Aggregates.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/MongoWriteConcernWithResponseException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/operation/ListDatabasesOperation.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/DBRef.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/AutoEncryptionSettings.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactoryFactory.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/geojson/codecs/GeometryCodec.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/management/NullMBeanServer.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/event/CommandListenerMulticaster.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/AsynchronousSocketChannelStream.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/ErrorCategory.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/Pool.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/event/ConnectionCheckedInEvent.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/SaslAuthenticator.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/event/ServerMonitorEventMulticaster.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/operation/MapReduceHelper.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/Updates.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/ServerSettings.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/netty/NettyStreamFactory.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/DefaultServerMonitorFactory.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/DBObjectCodec.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/event/ServerMonitorEventMulticaster.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/ExponentiallyWeightedMovingAverage.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/InternalStreamConnection.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/connection/AbstractByteBufBsonDocument.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/PushOptions.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/IndexOptions.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/geojson/CoordinateReferenceSystem.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/event/ServerMonitorListenerAdapter.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/event/ServerListenerAdapter.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/event/ConnectionPoolOpenedEvent.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/client/model/CollationStrength.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/async/package-info.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/internal/binding/AsyncClusterAwareReadWriteBinding.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/ReadConcern.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/client/model/geojson/PointCodec.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/client/model/changestream/UpdateDescription.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/client/model/ReplaceOptions.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/connection/Stream.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/client/model/BuildersHelper.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/client/model/ValidationOptions.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/MongoInternalException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/internal/connection/DefaultServer.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/bulk/BulkWriteUpsert.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/Block.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/internal/authentication/NativeAuthenticationHelper.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/session/ServerSession.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/internal/connection/CommandMessage.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/client/model/geojson/Point.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/operation/CommandResultDocumentCodec.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/operation/BaseFindAndModifyOperation.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
ar/com/mongodb/internal/connection/FutureAsyncCompletionHandler.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
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jar/com/mongodb/client/model/DeleteOneModel.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/geojson/Polygon.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/Function.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/operation/AsyncSingleBatchQueryCursor.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/operation/AsyncOperationExecutor.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/ServerId.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/MongoCursorNotFoundException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/session/package-info.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/operation/CurrentOpOperation.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/operation/CurrentOpOperation.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/internal/validator/NoOpFieldNameValidator.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/binding/SingleConnectionReadBinding.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/WriteConcern.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/event/ClusterDescriptionChangedEvent.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/client/model/BsonField.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/event/ConnectionClosedEvent.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/ClusterSettings.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/BulkWriteBatchCombiner.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/SslHelper.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/Connection.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/connection/Connection.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
jar/com/mongodb/ClientEncryptionSettings.java

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*/opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/client/model/AggregationLevel.java

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*/

/**
 * Returns an array containing all of the elements in this deque, in
 * proper sequence (from first to last element).
 * <p>The returned array will be "safe" in that no references to it are
* maintained by this deque. (In other words, this method must allocate
* a new array). The caller is thus free to modify the returned array.
*
* <p>This method acts as bridge between array-based and collection-based
* APIs.
*
* @return an array containing all of the elements in this deque
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-
  jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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  jar/com/mongodb/internal/authentication/SaslPrep.java
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* https://github.com/marianobbarrios/tls-channel
*/

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* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelFlowControlException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferSet.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/WouldBlockException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/ClientTlsChannel.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferUtil.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/BufferHolder.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TlsChannelImpl.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TlsChannelCallbackException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/AsyncChannelGroup.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/TrackingAllocator.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/needsWriteException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/needsReadException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/async/AsyncTlsChannelGroup.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/ExtendedAsynchronousByteChannel.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/BufferAllocator.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/AllocatedBufferImpl.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelBuilder.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/needsTaskException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/WouldBlockException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/BufferSet.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/FlowControlException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/FlowControlException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsWriteException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsReadException.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/BufferUtil.java

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* https://github.com/marianobarrios/tls-channel
*/
/**
 * Writes a sequence of bytesProduced to this channel from a subsequence of the
 * given buffers.
 *
 * @param buffers
 * @param start
 * @param end
 * @return the number of bytes written to the channel, or -1 if an error
 * occurred.
 */

* with respect to non-blocking responses, see \{@link #write(ByteBuffer)\}
* for more details.
*
* @param srcs   The buffers from which bytesProduced are to be retrieved
* @param offset The offset within the buffer array of the first buffer from
* which bytesProduced are to be retrieved; must be non-negative and no
* larger than srcs.length
* @param length The maximum number of buffers to be accessed; must be
* non-negative and no larger than srcs.length
*          &nbsp;-&nbsp;offset
* @return The number of bytesProduced written, contrary to the behavior specified
* in \{@link ByteChannel\}, this method never returns 0, but throws
* \{@link WouldBlockException\}
* @throws IndexOutOfBoundsException If the preconditions on the offset and
*                                   length parameters do not hold
* @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
*                                   cannot be completed immediately
* @throws NeedsTaskException        if the channel is not configured to run tasks automatically
*                                   and a task needs to be executed to complete the operation
* @throws SSLEngineException       if the \{@link SSLEngine\} throws a SSLEngineException
* @throws IOException             if the underlying channel throws an IOException
*/
/**
* Reads a sequence of bytesProduced from this channel into a subsequence of the
* given buffers.
*
* See \{@link ScatteringByteChannel#read(ByteBuffer[], int, int)\} for more
* details of the meaning of this signature.
*
* @param dsts   The buffers into which bytesProduced are to be transferred
* @param offset The offset within the buffer array of the first buffer into
* which bytesProduced are to be transferred; must be non-negative and no
* larger than dsts.length
* @param length The maximum number of buffers to be accessed; must be
* non-negative and no larger than dsts.length
*          &nbsp;-&nbsp;offset
* @return The number of bytesProduced read, or -1 if the channel has
* reached end-of-stream; contrary to the behavior specified in
* \{@link ByteChannel\}, this method never returns 0, but throws
* \{@link WouldBlockException\}
* @throws IndexOutOfBoundsException If the preconditions on the offset and
* length parameters do not hold
*/
* @throws WouldBlockException if the channel is in non-blocking mode and the IO operation cannot be completed immediately
* @throws NeedsTaskException if the channel is not configured to run tasks automatically and a task needs to be executed to complete the operation
* @throws SSLException if the \{@link SSLEngine\} throws a SSLException
* @throws IOException if the underlying channel throws an IOException
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannel.java

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* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/annotations/NotThreadSafe.java
* /opt/ws_local/PERMITS_SQL/1084247307_1598436429.19/0/mongodb-driver-core-3-12-4-sources-jar/com/mongodb/annotations/Immutable.java
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* /opt/cola/permits/1136132112_1613687315.36/0/groovy-console-2-4-6-sources-1-jar/groovy/ui/package.html
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  jar/groovy/ui/text/GroovyFilter.java
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  jar/groovy/ui/ConsoleApplet.groovy
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  jar/groovy/ui/text/StructuredSyntaxDocumentFilter.java
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  jar/groovy/ui/ConsoleTextEditor.java
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  jar/groovy/ui/view/GTKDefaults.groovy
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  jar/groovy/ui/text/TextEditor.java
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* /opt/cola/permits/1136132112_1613687315.36/0/groovy-console-2-4-6-sources-1-jar/groovy/ui/ConsoleSupport.java
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The snowball stemmers in
   analysis/common/src/java/net/sf/snowball
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The full snowball package is available from
   http://snowball.tartarus.org/

The KStem stemmer in
   analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
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The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ru/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese, Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
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The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

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Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===========================================================================
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===========================================================================

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mecab-ipadic-2.7.0-20070801

which can be obtained from

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which can be obtained from

https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz

1.102 log4j-slf4j-impl 2.8.2

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1.103 chronicle-bytes 2.17.20

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  jar/net/openhft/chronicle/bytes/NoBytesStore.java
* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-
  jar/net/openhft/chronicle/bytes/UTFDataFormatRuntimeException.java
* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-
  jar/net/openhft/chronicle/bytes/util/Compression.java
* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-
  jar/net/openhft/chronicle/bytes/ref/BinaryIntReference.java
* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-
  jar/net/openhft/chronicle/bytes/ByteStringAppender.java
* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-
  jar/net/openhft/chronicle/bytes/StreamingCommon.java
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  jar/net/openhft/chronicle/bytes/ByteStringParser.java
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* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-jar/net/openhft/chronicle/bytes/ReadOnlyMappedBytesStore.java
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* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-jar/net/openhft/chronicle/bytes/BytesInternal.java
* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-jar/net/openhft/chronicle/bytes/HeapBytesStore.java
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* /opt/cola/permits/1103764652_1604346158.91/0/chronicle-bytes-2-17-20-sources-jar/net/openhft/chronicle/bytes/ref/TwoLongReference.java
1.104 antlr 4.7.1

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org.codehaus.groovy.jsr223.GroovyScriptEngineFactory

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* /opt/cola/permits/1136131902_1613687355.06/0/groovy-jsr223-2-4-6-sources-1-jar/org/codehaus/groovy/jsr223/GroovyScriptEngineFactory.java
* /opt/cola/permits/1136131902_1613687355.06/0/groovy-jsr223-2-4-6-sources-1-jar/org/codehaus/groovy/jsr223/GroovyScriptEngineImpl.java
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* /opt/cola/permits/1136131902_1613687355.06/0/groovy-jsr223-2-4-6-sources-1-jar/org/codehaus/groovy/jsr223/ScriptStaticExtensions.java

1.111 mongo-java-driver 3.12.4
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* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/vault/package-info.java
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* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/util/ClassMapBasedObjectSerializer.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/management/ConnectionPoolStatistics.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/MongoClientException.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/dns/DnsResolver.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/BucketGranularity.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/UpdateRequest.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/org/bson/LazyBSONDecoder.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/gridfs/GridFSInputFile.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/org/bson/BSON.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/CollationCaseFirst.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/operation/BsonArrayWrapper.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/org/bson/BsonBoolean.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/IndexOptions.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/org/bson/BsonInvalidOperationException.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/GroupCommand.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/geojson/GeoJsonObjectType.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/UpdateOptions.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/MongoNamespace.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/connection/SendMessageCallback.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/event/CommandEventMulticaster.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/client/model/MergeOptions.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/client/internal/SimpleMongoClient.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/DBCallback.java
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* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/org/bson/codecs/ObjectIdGenerator.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/connection/Server.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/MongoOptions.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/AggregationOptions.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/client/connection/SniSslHelper.java
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* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/MongoOptions.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/AggregationOptions.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/client/connection/SniSslHelper.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/gridfs/package-info.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/gridfs/package-info.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/gridfs/package-info.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources.jar/com/mongodb/gridfs/package-info.java
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* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/AggregateIterable.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/gridfs/GridFSDownloadStream.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/connection/ServerId.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/BuildersHelper.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/geojson/MultiPolygon.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/operation/AggregateExplainOperation.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/operation/AsyncWriteOperation.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/operation/OperationExecutor.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/connection/ClusterSettings.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/BsonWriterHelper.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/operation/AsyncWriteOperation.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/AggregationIterable.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/BuildersHelper.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/client/model/geojson/MultiPolygon.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/operation/AsyncWriteOperation.java
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 * /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/org/bson/codecs/jsr310/LocalDateTimeCodec.java
 * /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/org/bson/codecs/jsr310/LocalDateCodec.java
 * /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/org/bson/codecs/jsr310/LocalTimeCodec.java

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 */
/**
 * Returns an array containing all of the elements in this deque, in
 * proper sequence (from first to last element).
 *
 * <p>The returned array will be "safe" in that no references to it are
 * maintained by this deque. (In other words, this method must allocate
 * a new array). The caller is thus free to modify the returned array.
 *
 * <p>This method acts as bridge between array-based and collection-based
 * APIs.
 *
 * @return an array containing all of the elements in this deque
 */

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* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-
jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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 * https://github.com/marianobarrios/tls-channel
 */

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* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-
jar/com/mongodb/internal/connection/tlschannel/TlsChannelBuilder.java
* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannelGroup.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/WouldBlockException.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannel.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/ExtendedAsynchronousByteChannel.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/Util.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/BufferAllocator.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/BufferHolder.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferSet.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelFlowControlException.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferUtil.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TrackingAllocator.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TlsChannelImpl.java
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* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/NeedsReadException.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/impl/NeedsWriteException.java
* /opt/ws_local/PERMITS_SQL/10651711190_1593486559.87/0/mongo-java-driver-3-12-4-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsTaskException.java

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* https://github.com/marianobarrios/tls-channel
*/
/**
 * Writes a sequence of bytesProduced to this channel from a subsequence of the
 * given buffers.
 *
 * <p>
 * See [GatheringByteChannel#write(ByteBuffer[], int, int)] for more
 * details of the meaning of this signature.
 *
 * <p>
 * This method behaves slightly different than the interface specification,
 * with respect to non-blocking responses, see [write(ByteBuffer)]
 * for more details.
 *
 * @param srcs   The buffers from which bytesProduced are to be retrieved
 * @param offset The offset within the buffer array of the first buffer from
 *                which bytesProduced are to be retrieved; must be non-negative and no
 *                larger than <tt>srcs.length</tt>
 * @param length The maximum number of buffers to be accessed; must be
 *                non-negative and no larger than <tt>srcs.length</tt>
 *                &nbsp;-&nbsp;<tt>offset</tt>
 * @return The number of bytesProduced written, contrary to the behavior specified
 *         in [ByteChannel], this method never returns 0, but throws
 *         [WouldBlockException]
 * @throws IndexOutOfBoundsException If the preconditions on the <tt>offset</tt> and
 *                                   <tt>length</tt> parameters do not hold
 * @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
 *                                   cannot be completed immediately
 * @throws NeedsTaskException        if the channel is not configured to run tasks automatically
 *                                   and a task needs to be executed to complete the operation
 * @throws SSLException              if the [SSLEngine] throws a SSLException
 * @throws IOException               if the underlying channel throws an IOException
 */
/**
 * Reads a sequence of bytesProduced from this channel into a subsequence of the
 * given buffers.
 *
 * <p>
 * See [ScatteringByteChannel#read(ByteBuffer[], int, int)] for more
 * details of the meaning of this signature.
 *
 * <p>
 * This method behaves slightly different than the interface specification,
 * with respect to non-blocking responses, see [read(ByteBuffer)] for
 * more details.
 *
* @param dsts   The buffers into which bytesProduced are to be transferred
* @param offset The offset within the buffer array of the first buffer into
*     which bytesProduced are to be transferred; must be non-negative and no
*     larger than <tt>dsts.length</tt>
* @param length The maximum number of buffers to be accessed; must be
*     non-negative and no larger than <tt>dsts.length</tt>
*     &nbsp;-&nbsp;<tt>offset</tt>
* @return The number of bytesProduced read, or <tt>-1</tt> if the channel has
* reached end-of-stream; contrary to the behavior specified in
* [ @link ByteChannel], this method never returns 0, but throws
* [ @link WouldBlockException]
* @throws IndexOutOfBoundsException If the preconditions on the <tt>offset</tt> and
*                                   <tt>length</tt> parameters do not hold
* @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
* @throws NeedsTaskException        if the channel is not configured to run tasks automatically
* @throws SSLException              if the {@link SSLEngine} throws a SSLException
* @throws IOException               if the underlying channel throws an IOException
* /

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* /opt/ws_local/PERMITS_SQL/1065171190_1593486559.87/0/mongo-java-driver-3-12-4-sources-
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1.112 cglib 3.2.6

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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/package.html
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/package.html
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/signature/package.html
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/package.html
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  jar/org/objectweb.asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
  jar/org/objectweb.asm/xml/SAXAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
  jar/org/objectweb.asm/xml/SAXAnnotationAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
  jar/org/objectweb.asm/xml/Processor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
  jar/org/objectweb.asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
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  * constructor</i>. Instead, they must use the
  * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
  * version.
  *
  * @param mv
  *   the <code>MethodVisitor</code> to send the resulting inlined
  *   method code to (use <code>null</code> for none).
  * @param access
  *   the method's access flags (see {@link Opcodes}). This
  *   parameter also indicates if the method is synthetic and/or
  *   deprecated.
  * @param name
  *   the method's name.
  * @param desc
  *   the method's descriptor (see {@link Type}).
  * @param signature
  *   the method's signature. May be <tt>null</tt>.
  * @param exceptions
  *   the internal names of the method's exception classes (see
  *   {@link Type#getInternalName() getInternalName()}). May be
  *   <tt>null</tt>.
  * @throws IllegalStateException
  */
* If a subclass calls this constructor.
*/

Found in path(s):
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
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/**
* Creates a new [ @link GeneratorAdapter ]. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* [ @link #GeneratorAdapter(int, MethodVisitor, int, String, String) ]
* version.
*
* @param mv
* the method visitor to which this adapter delegates calls.
* @param access
* the method's access flags (see [ @link Opcodes ]).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see [ @link Type Type ]).
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

Found in path(s):
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
  jar/org/objectweb/asm/commons/GeneratorAdapter.java

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

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

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

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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Type.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/Shrinker.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/Method.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/StaticInitMerger.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/sig
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InnerClassNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/ParameterNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/Remapping/AnnotationAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/IincInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/MethodOptimizer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Context.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
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 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type Type}).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 */
* @throws IllegalStateException
*             If a subclass calls this constructor.
*/

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1.122 jackson-dataformat-yaml 2.4.2

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* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/ast/ThisWithNode.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/templates/res/CompiledIfNode.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/templates/util/ArrayIterator.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/sh/command/file/DirList.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/imm/MapVariableResolverFactory.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/ast/AutoCloseable.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/ast/WithNode.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/templates/res/CompiledIfNode.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/ast/ArraySize.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/ast/StackElement.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/ast/ThisWithNode.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/templates/res/CompiledIfNode.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2-jar/org/mvel2/templates/util/ArrayIterator.java
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* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2.jar/org/mvel2/optimizers/impl/refl/nodes/GetterAccessor.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2.jar/org/mvel2/optimizers/impl/refl/collection/MapCreator.java
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* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2.jar/org/mvel2/optimizers/impl/refl/nodes/VariableAccessor.java
* /opt/cola/permits/1136700318_1613864204.65/0/mvel2-2-4-4-final-sources-2.jar/org/mvel2/optimizers/impl/refl/nodes/ArrayAccessorNest.java
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* /opt/ws_local/PERMITS_SQL/1070965854_1594813870.89/0/reactor-netty-0-9-7-release-sources-jar/reactor/netty/channel/MonoSendMany.java
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* /opt/ws_local/PERMITS_SQL/1070965854_1594813870.89/0/reactor-netty-0-9-7-release-sources-jar/reactor/netty/channel/MicrometerChannelMetricsRecorder.java
* /opt/ws_local/PERMITS_SQL/1070965854_1594813870.89/0/reactor-netty-0-9-7-release-sources-jar/reactor/netty/resources/PooledConnectionProviderMetrics.java
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* /opt/ws_local/PERMITS_SQL/1070965854_1594813870.89/0/reactor-netty-0-9-7-release-sources-jar/reactor/netty/http/server/ProxyProtocolSupportType.java
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1.140 json-java 20160810

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  jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/ValueConverter.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
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  jar/io.netty.handler.codec.compression/ZlibEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.compression/ReferenceMap.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/CompatibleMarshallingDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/ZlibWrapper.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/LimitingByteInput.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/DefaultUnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/ThreadLocalUnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/CompatibleMarshallingEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/ThreadLocalMarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/DefaultUnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.compression/Snappy.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.compression/Base64Encoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.compression/CorruptedFrameException.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.compression/PrePrematureChannelClosureException.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/ObjectEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.marshalling/MarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.serialization/ObjectEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.serialization/ReferenceMap.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io.netty.handler.codec.serialization/DefaultMarshallerProvider.java
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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/bytes/package-info.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/DecoderException.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/marshalling/UnmarshallProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/DecoderResult.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/bytes/package-info.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4.1.49-final-sources-1-jar/io/netty/handler/codec/compression/Crc32c.java
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 */

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/*
 * Enumeration of supported Base64 dialects.
 * The internal lookup tables in this class has been derived from
 * Robert Harder's Public Domain Base64 Encoder/Decoder.
 */

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1.49-final-sources-1-jar/io/netty/handler/codec/base64/Base64Dialect.java

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.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.
 *
 * <p>
 * <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.
 * <p>
 * <pre>
 * lengthFieldOffset = 0
 * lengthFieldLength = 2
 * lengthAdjustment = 0
 * initialBytesToStrip = 0 (= do not strip header)
 * </pre>
 *
 * BEFORE DECODE (14 bytes)  AFTER DECODE (14 bytes)
 * +--------+----------------+      +--------+----------------+
 * | Length | Actual Content |----->| Length | Actual Content |
 */
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.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 2
```

BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
```
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```

BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
```
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```

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
```
lengthAdjustment
```
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.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = -2
initialBytesToStrip = 0
```

BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
```
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```

3 bytes length field at the end of 5 bytes header, do not strip header
* 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> = 2 (= the length of Header 1)
* `<b>lengthFieldLength</b> = 3
* lengthAdjustment = 0
* initialBytesToStrip = 0
* `<pre>`
* * BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+----->+----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* | 0xCAFE  | 0x00000C | "HELLO, WORLD" |      | 0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+----->+----------+----------+----------------+
* `<pre>`
* *<h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive `<tt>lengthAdjustment</tt>` so that the decoder counts the extra
* header into the frame length calculation.
* `<pre>`
* lengthFieldOffset = 0
* lengthFieldLength = 3
* `<b>lengthAdjustment</b> = 2 (= the length of Header 1)
* initialBytesToStrip = 0
* `<pre>`
* * 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" |
* +------------------------+ ----------

* <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.

* 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" |
* +------------------------+ ----------

* @see LengthFieldPrepender
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/InfTree.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/StaticTree.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/InfCodes.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Tree.java

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* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/InfBlocks.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/ZInputStream.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/GZIPHeader.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/ZInputStream.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/GZIPHeader.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/InflaterInputStream.java

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* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Inflater.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/GZIPOutputStream.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/ZOutputStream.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/GZIPException.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/CRC32.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/JZlib.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/GZIPInputStream.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Checksum.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/DeflaterOutputStream.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Deflate.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/ZStream.java
* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Inflate.java

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* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/ZStream.java
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* /opt/cola/permits/1136411479_1613763735.78/0/jzlib-1-1-5-sources-jar/bayern/steinbrecher/jzlib/Inflater.java
1.164 bean-validation-api 1.1.0.Final

1.165 jetty-client 9.3.27.v20190418

1.166 disruptor 3.3.2

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* /opt/cola/permits/1103764622_1604346153.15/0/chronicle-wire-2-17-32-sources-jar/net/openhft/chronicle/wire/SourceContext.java
* /opt/cola/permits/1103764622_1604346153.15/0/chronicle-wire-2-17-32-sources-jar/net/openhft/chronicle/wire/MarshallableIn.java

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* /opt/cola/permits/1103764622_1604346153.15/0/chronicle-wire-2-17-32-sources-jar/net/openhft/chronicle/wire/ReadMarshallable.java
* /opt/cola/permits/1103764622_1604346153.15/0/chronicle-wire-2-17-32-sources-jar/net/openhft/chronicle/wire/BinaryWireHighCode.java
* /opt/cola/permits/1103764622_1604346153.15/0/chronicle-wire-2-17-32-sources-jar/net/openhft/chronicle/wire/WireInternal.java
* /opt/cola/permits/1103764622_1604346153.15/0/chronicle-wire-2-17-32-sources-jar/net/openhft/chronicle/wire/ParameterizeWireKey.java
* /opt/cola/permits/1103764622_1604346153.15/0/chronicle-wire-2-17-32-sources-jar/net/openhft/chronicle/wire/WritingMarshaller.java
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1.169  tsenart-tb
19f4c3d79d2bd67d0911b2e310b999eeeea4454

c1
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This package provides a generic lock-free implementation of the "Token bucket" algorithm where handling of non-conformity is left to the user.

> The token bucket is an algorithm used in packet switched computer networks and telecommunications networks. It can be used to check that data transmissions, in the form of packets, conform to defined limits on bandwidth and burstiness (a measure of the unevenness or variations in the traffic flow) -- <cite>Wikipedia(http://en.wikipedia.org/wiki/Token_bucket)</cite>

This implementation of the token bucket generalises its applications beyond packet rate conformance. Hence, the word *generic*. You can use it to throttle any flow over time as long as it can be expressed as a number (bytes/s, requests/s, messages/s, packets/s, potatoes/s, heartbeats/s, etc...).

The *lock-free* part of the description refers to the lock-free programming techniques (CAS loop) used in the core `Bucket` methods (`Take` and `Put`). [Here is](http://preshing.com/20120612/an-introduction-to-lock-free-programming/) a good overview of lock-free programming you can refer to.

All utility packages such as [http](http/) and [io](io/) are just wrappers around the core package. This ought to be your one stop shop for all things **throttling** in Go so feel free to propose missing common functionality.
## Install
```
$ go get github.com/tsenart/tb
```

## Usage
Read up the [docs](https://godoc.org/github.com/tsenart/tb) and have a look at some [examples](examples/).

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1.170 gprof 0.3.1-groovy-2.4

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* /opt/cola/permits/1111590477_1606936352.31/0/gprof-0-3-1-groovy-2-4-sources-1-jar/src/main/groovy/groovyx/gprof/ProfileMetaClass.java

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* /opt/cola/permits/1111590477_1606936352.31/0/gprof-0-3-1-groovy-2-4-sources-1-jar/src/main/groovy/groovyx/gprof/Profiler.java
* /opt/cola/permits/1111590477_1606936352.31/0/gprof-0-3-1-groovy-2-4-sources-1-jar/src/main/groovy/groovyx/gprof/callgraph/CallGraphReportPrinter.java
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* /opt/cola/permits/1111590477_1606936352.31/0/gprof-0-3-1-groovy-2-4-sources-1-jar/src/main/groovy/groovyx/gprof/CallInterceptor.java
1.171 commons-math 3.5

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The initial code for shuffling an array (originally in class "org.apache.commons.math3.random.RandomDataGenerator", now replaced by a method in class "org.apache.commons.math3.util.MathArrays") was inspired from the algorithm description provided in "Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999). The textbook (containing a proof that the shuffle is uniformly random) is available here:
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1.173 commons-configuration 1.10

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* /opt/ws_local/PERMITS_SQL/1084247314_1598436438.69/0/bson-3-12-4-sources-jar/org/bson/codecs/jsr310/LocalTimeCodec.java
* /opt/ws_local/PERMITS_SQL/1084247314_1598436438.69/0/bson-3-12-4-sources-jar/org/bson/codecs/jsr310/InstantCodec.java

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analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
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1.182 jaxb-runtime 2.3.1

1.183 elasticsearch-x-content 7.0.0

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1.184 zlib 1.2.11

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/*

1.185 guava 16.0.1

1.186 protobuf-java 3.6.0

1.187 jackson-jaxrs-xml-provider 2.10.4
1.187.1 Available under license :

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### 1.188 netty-buffer 4.1.32.Final

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  jar/com/mongodb/client/internal/package-info.java
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  jar/com/mongodb/client/ClientSession.java
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  jar/com/mongodb/client/TransactionBody.java
* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
  jar/com/mongodb/client/internal/Java8ForEachHelper.java
* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
  jar/com/mongodb/client/internal/Java8FindIterableImpl.java
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  jar/com/mongodb/client/internal/Java8MongoIterableFactory.java
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  jar/com/mongodb/client/internal/package-info.java
* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
  jar/com/mongodb/client/internal/Java8ListIndexesIterableImpl.java
* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
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* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
  jar/com/mongodb/client/model/DBCollectionCountOptions.java
* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
  jar/com/mongodb/client/model/DBCollectionUpdateOptions.java
* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
  jar/com/mongodb/client/Internal/MongoClientDelegate.java
* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
  jar/com/mongodb/client/internal/ListCollectionsIterableImpl.java
* /opt/ws_local/PERMITS_SQL/1084247322_1598436419.43/0/mongodb-driver-3-12-4-sources-
  jar/com/mongodb/client/WriteResult.java
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* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/Conscrypt.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/Java9SslUtils.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/ocsp/package-info.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/Java9SslEngine.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/SniCompletionEvent.java
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  jar/io/netty/handler/ssl/OpenSslTSv13X509ExtendedTrustManager.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
  jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
  jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/OpenSslPrivateKey.java
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jar/io/netty/handler/logging LogLevel.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/logging/package-info.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/ReadTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/IdleState.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/ssl/util/package-info.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/stream/ChunkedStream.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/package-info.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/ssl/package-info.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/ssl/SslHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/stream/package-info.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/TimeoutException.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/logging/LoggingHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/stream/ChunkedFile.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/stream/ChunkedInput.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1.jar/io/netty/handler/timeout/IdleStateHandler.java

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jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/OpenSslCertificateException.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/Java8SslUtils.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/DelegatingSslContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/PemEncoded.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/PemX509Certificate.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/flush/package-info.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/flow/package-info.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/PemValue.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/PemPrivateKey.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java */
/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
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/* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/PseudoRandomFunction.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/address/package-info.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/address/DynamicAddressConnectHandler.java
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* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/traffic/package-info.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/ws_local/PERMITS_SQL/1072871132_1595214674.28/0/netty-handler-4-1-42-final-sources-1-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java

1.201 chill-java 0.7.6

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/**
 * Encodes and decodes to and from Base64 notation.
 *
 *
 * Example:
 *
 * <code>String encoded = Base64.encode( myByteArray );</code>
 * <br>
 * <code>byte[] myByteArray = Base64.decode( encoded );</code>
 *
 * The <tt>options</tt> parameter, which appears in a few places, is used to pass several pieces of information to the encoder. In the "higher level" methods such as <code>encodeBytes( bytes, options )</code> the options parameter can be used to indicate such things as first gzipping the bytes before encoding them, not inserting linefeeds, and encoding using the URL-safe and Ordered dialects.
 *
 * Note, according to <a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>, Section 2.1, implementations should not add line feeds unless explicitly told to do so. I've got Base64 set to this behavior now, although earlier versions broke lines by default.
 */
The constants defined in Base64 can be OR-ed together to combine options, so you might make a call like this:

```java
String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DO_BREAK_LINES );
```

to compress the data before encoding it and then making the output have newline characters.

Also...

```java
String encoded = Base64.encodeBytes( crazyString.getBytes() );
```

Change Log:

- **v2.3.7** - Fixed subtle bug when base 64 input stream contained the value 01111111, which is an invalid base 64 character but should not throw an ArrayIndexOutOfBoundsException either. Led to discovery of mishandling (or potential for better handling) of other bad input characters. You should now get an IOException if you try decoding something that has bad characters in it.
- **v2.3.6** - Fixed bug when breaking lines and the final byte of the encoded string ended in the last column; the buffer was not properly shrunk and contained an extra (null) byte that made it into the string.
- **v2.3.5** - Fixed bug in `Base64.encodeFromFile` where estimated buffer size was wrong for files of size 31, 34, and 37 bytes.
- **v2.3.4** - Fixed bug when working with gzipped streams whereby flushing the Base64 OutputStream closed the Base64 encoding (by padding with equals signs) too soon. Also added an option to suppress the automatic decoding of gzipped streams. Also added experimental support for specifying a class loader when using the `Base64.decodeToObject(java.lang.String, int, java.lang.ClassLoader)` method.
- **v2.3.3** - Changed default char encoding to US-ASCII which reduces the internal Java footprint with its CharEncoders and so forth. Fixed some javadocs that were inconsistent. Removed imports and specified things like java.io.IOException explicitly inline.
- **v2.3.2** - Reduced memory footprint! Finally refined the "guessing" of how big the final encoded data will be so that the code doesn't have to create two output arrays: an oversized initial one and then a final, exact-sized one. Big win when using the `Base64.encodeBytesToBytes(byte[])` family of methods (and not using the gzip options which uses a different mechanism with streams and stuff).
- **v2.3.1** - Added `Base64.encodeBytesToBytes(byte[], int, int, int)` and some similar helper methods to be more efficient with memory by not returning a String but just a byte array.
- **v2.3** - This is not a drop-in replacement! This is two years of comments and bug fixes queued up and finally executed. Thanks to everyone who sent me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone else.

Much bad coding was cleaned up including throwing exceptions where necessary.
* instead of returning null values or something similar. Here are some changes
* that may affect you:
* <ul>
* <li><em>Does not break lines, by default.</em> This is to keep in compliance with
* <li><em>Throws exceptions instead of returning null values.</em> Because some operations
* (especially those that may permit the GZIP option) use IO streams, there
* is a possibility of an java.io.IOException being thrown. After some discussion and
* thought, I've changed the behavior of the methods to throw java.io.IOExceptions
* rather than return null if ever there's an error. I think this is more
* appropriate, though it will require some changes to your code. Sorry,
* it should have been done this way to begin with.</li>
* <li>Removed all references to System.out, System.err, and the like.</li>
* Shame on me. All I can say is sorry they were ever there.</li>
* <li>Threw NullPointerExceptions and IllegalArgumentExceptions as needed
* such as when passed arrays are null or offsets are invalid.</li>
* <li>Cleaned up as much javadoc as I could to avoid any javadoc warnings.
* This was especially annoying before for people who were thorough in their
* own projects and then had gobs of javadoc warnings on this file.</li>
* </ul>
* v2.2.1 - Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug
* when using very small files (~&lt; 40 bytes).
* v2.2 - Added some helper methods for encoding/decoding directly from
* one file to the next. Also added a main() method to support command line
* encoding/decoding from one file to the next. Also added these Base64 dialects:
* <ol>
* <li>The default is RFC3548 format.</li>
* <li>Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates
* URL and file name friendly format as described in Section 4 of RFC3548.
* <li>Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates
* URL and file name friendly format that preserves lexical ordering as described
* in http://www.faqs.org/qa/rfc3-1940.html</li>
* </ol>
* Special thanks to Jim Kellerman at &lt;a href="http://www.powerset.com/">http://www.powerset.com/</a>
* for contributing the new Base64 dialects.
* </li>
* v2.1 - Cleaned up javadoc comments and unused variables and methods. Added
* some convenience methods for reading and writing to and from files.
* v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems
* with other encodings (like EBCDIC).
* v2.0.1 - Fixed an error when decoding a single byte, that is, when the
* encoded data was a single byte.
* v2.0 - I got rid of methods that used booleans to set options.
* Now everything is more consolidated and cleaner. The code now detects
* when data that's being decoded is gzip-compressed and will decompress it
* automatically. Generally things are cleaner. You'll probably have to
* change some method calls that you were making to support the new
* options format (<tt>int</tt>s that you "OR" together).
* <li>v1.5.1 - Fixed bug when decompressing and decoding to a
* byte[] using <tt>decode( String s, boolean gzipCompressed )</tt>.
* Added the ability to "suspend" encoding in the Output Stream so
* you can turn on and off the encoding if you need to embed base64
* data in an otherwise "normal" stream (like an XML file).
* <li>v1.5 - Output stream passes on flush() command but doesn't do anything itself.
* This helps when using GZIP streams.
* <li>v1.4 - Added helper methods to read/write files.
* <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
* <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream
* where last buffer being read, if not completely full, was not returned.
* <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
* <li>v1.3.3 - Fixed I/O streams which were totally messed up.
* <li>
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* Please visit <a href="http://iharder.net/base64">http://iharder.net/base64</a> periodically to check for updates or to contribute improvements.
* <p>
* @author Robert Harder
* @author rob@iharder.net
* @version 2.3.7
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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
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  jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
jar/io/netty/handler/codec/UnsupportedValueConverter.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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* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
jar/io/netty/handler/codec/base64/Base64Dialect.java
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  jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/MessageToByteEncoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/string/StringDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java

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* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/ZlibWrapper.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/MessageToMessageEncoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/SnappyFrameDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/JZlibDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/ByteToMessageDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/ReplayingDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/base64/package-info.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/serialization/ClassResolver.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/package-info.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/DecompressionException.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/marshalling/UnmarshallProvider.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/marshalling/Snappy.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/marshalling/MessageToMessageCodec.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/marshalling/LimitingByteInput.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/Delimiters.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/base64/Base64Encoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/FixedLengthFrameDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/LineBasedFrameDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codecompression/EncoderException.java

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* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-jar/io/netty/handler/codec/EmptyHeaders.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)
 * </pre>
 *
 * BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
 * +--------+----------------+      +--------+----------------+
 * | Length | Actual Content |----->| Length | Actual Content |
 * | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
 *
 */

...
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.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 2 (= the length of the Length field)
```

BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)

```
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```

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> for compensation.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = -2 (= the length of the Length field)
initialBytesToStrip = 0
```

BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)

```
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```

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" |
  * +---------------------------------+---------------------------------
  * </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>
*
* 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 lengthAdjustment.
* 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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* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/compression/Crc32c.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
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* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/CodecOutputList.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/string/LineSeparator.java
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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/MessageSizeEstimator.java
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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/nio/SelectedSelectionKeySet.java
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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/DefaultMessageSizeEstimator.java
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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/bootstrap/ChannelFactory.java
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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/ChannelProgressiveFuture.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>

* 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>
*     
*     <b>{ @code @Override</b>
*     public void channelRead0([*link ChannelHandlerContext*] ctx, Message message) {
*     if (message instanceof LoginMessage) {
authenticate((LoginMessage) message);
*b>loggedIn = true;</b>*
} else (message instanceof GetDataMessage) {
*b>*
  if (b>loggedIn</b>) {
*b>*
    ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*b>*
  } else {
*b>*
    fail();
*b>*
  }
}
*b>*
} else {
*b>*
  ...
*b>*
}
<b>}</b>
* 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 a unauthenticated client can get
* the confidential information:
*<pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}<{@link Channel}> {
*   {@code @Override}
*   public void initChannel({@link Channel} channel) {
*     channel.pipeline().addLast("handler", <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</code>
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}<Message> {
*   private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");
*   {@code @Override}
*   public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*     Attribute<Boolean> attr = ctx.attr(auth);
*     ...
if (message instanceof LoginMessage) {
    authenticate((LoginMessage) o);
    attr.set(true);
} else if (message instanceof GetDataMessage) {
    if (Boolean.TRUE.equals(attr.get())) {
        ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
    } else {
        fail();
    }
}
...

Now that the state of the handler is attached to the `{@link ChannelHandlerContext}`, you can add the same handler instance to different pipelines:

```java
public class DataServerInitializer extends `{@link ChannelInitializer}`<{@link Channel}> {

    private static final DataServerHandler SHARED = new DataServerHandler();

    @Override
    public void initChannel({@link Channel} channel) {
        channel.pipeline().addLast("handler", SHARED);
    }
}
```

The `{@code @Sharable}` annotation

In the example above which used an `{@link AttributeKey}`, you might have noticed the `{@code @Sharable}` annotation. 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.

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.

This annotation is provided for documentation purpose, just like a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.

Additional resources worth reading
* 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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jar/io/netty/channel/internal/ChannelUtils.java
*/opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-
jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
*/opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-
jar/io/netty/channel/DelegatingChannelPromiseNotifier.java

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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/ExtendedClosedChannelException.java
* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/ChannelHandlerMask.java

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* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/PendingWriteQueue.java
* /opt/ws_local/PERMITS_SQL/1068232313_1594323914.29/0/netty-transport-4-1-49-final-sources-1-jar/io/netty/channel/AbstractEventLoop.java

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1.208 txw2 2.3.1

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1.218 icu4j 58.2

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1.219 javax-el-api 2.2.4

1.220 jackson-xc 2.10.4

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1.229 jaxb-runtime 2.3.1

1.230 scala-logging_2.12 3.9.2
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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, as well as supported commercially by FasterXML.com.

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### 1.241 jcabi-manifests 1.1

### 1.242 netty-codec 4.1.32.Final

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  jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec>DateFormatter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/CodecOutputList.java
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/**
 * Enumeration of supported Base64 dialects.
 *
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  jar/io/netty/handler/codec/CharSequenceValueConverter.java
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Utility class for {@link ByteBuf} that encodes and decodes to and from
<a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.

The encoding and decoding algorithm in this class has been derived from

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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java

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A decoder that splits the received ByteBufs 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.

{@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.

**2 bytes length field at offset 0, do not strip header**

The value of the length field in this example is 12 (0x0C) 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.

**2 bytes length field at offset 0, strip header**

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)
* </pre>
* 
* BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
* </pre>
* 
* 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>
* 
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* `<pre>
* lengthFieldOffset   = 2 (= the length of Header 1)
* lengthFieldLength</b> = `<b>3</b>`
* </pre>`
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                        AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* | 0xCAFE   | 0x00000C | "HELLO, WORLD" |      | 0xCAFE   | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* 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>
*
* 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 |
* </pre>
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 lengthAdjustment.
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.

lengthFieldOffset = 1
lengthFieldLength = 2
lengthAdjustment = -3 (= the length of HDR1 + LEN, negative)
initialBytesToStrip = 3

BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)

HDR1 | Length | HDR2 | Actual Content |
0xCA 0x000C 0xFE "HELLO, WORLD" | "HELLO, WORLD"

@see LengthFieldPrepender

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1.246 jctools-core 3.0.0

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1.248 metrics-servlets 4.1.0

1.249 quartz 2.1.1

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* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/plugins/xml/XMLSchedulingDataProcessorPlugin.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/xml/XMLSchedulingDataProcessor.java
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* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/listeners/BroadcastJobListener.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/listeners/JobChainingJobListener.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/UpdateLockRowSemaphore.java
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* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/AttributeRestoringConnectionInvocationHandler.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/listeners/JobListenerSupport.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/listeners/TriggerListenerSupport.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/listeners/SchedulerListenerSupport.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/TablePrefixAware.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/plugins/SchedulerPluginWithUserTransactionSupport.java
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jar/org/quartz/impl/calendar/BaseCalendar.java
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jar/org/quartz/impl/calendar/MonthlyCalendar.java
*/opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-
jar/org/quartz/impl/DirectSchedulerFactory.java
*/opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-
jar/org/quartz/utils/DirtyFlagMap.java
*/opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-
jar/org/quartz/impl/calendar/WeeklyCalendar.java
*/opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-
jar/org/quartz/ee/servlet/QuartzInitializerServlet.java
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jar/org/quartz/spi/JobStore.java
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jar/org/quartz/core/JobRunShell.java
*/opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-
jar/org/quartz/impl/StdSchedulerFactory.java
*/opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-
jar/org/quartz/core/QuartzSchedulerThread.java
*/opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/spi/ThreadPool.java

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* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/counter/CounterConfig.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/counter/sampled/SampledRateCounterConfig.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/counter/CounterManagerImpl.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/CounterManager.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/counter/sampled/SampledRateCounterImpl.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/counter/sampled/SampledCounterImpl.java
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* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/counter/Counter.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/counter/sampled/SampledRateCounter.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/counter/sampled/TimeStampedCounterValue.java

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jar/org/quartz/jobs/ee/jms/SendTopicMessageJob.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/jobs/ee/jms/SendDestinationMessageJob.java

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* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/ListenerManager.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/CronScheduleBuilder.java
jar/org/quartz/CalendarIntervalTrigger.java
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  jar/org/quartz/jobs/ee/jms/JmsMessageFactory.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/core/QuartzScheduler.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/UnableToInterruptJobException.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/TriggerListener.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/RemoteScheduler.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/Constants.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/core/SchedulerSignalerImpl.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/plugins/history/LoggingJobHistoryPlugin.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/triggers/CalendarIntervalTriggerImpl.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/LockException.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/helpers/VersionPrinter.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/jobs/ee/jms/SendQueueMessageJob.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-
jar/org/quartz/impl/jdbcjobstore/SimpleSemaphore.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/Trigger.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/jobs/NativeJob.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/TriggerUtils.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/SchedulerFactory.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/ee/jta/JTAJobRunShell.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/triggers/AbstractTrigger.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/JobExecutionContextImpl.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/DBSemaphore.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/Util.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/core/QuartzSchedulerResources.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/JobListener.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/SchedulerConfigException.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/StatefulJob.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/jobs/FileScanListener.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/calendar/AnnualCalendar.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/DB2v7Delegate.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/JobStoreCMT.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/PoolingConnectionProvider.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/utils/ConnectionProvider.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/jobs/ee.ejb/EJBInvokerJob.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/jobs/DirectoryScanListener.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/StdRowLockSemaphore.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/RemoteMBeanScheduler.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/StdScheduler.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/impl/jdbcjobstore/CloudscapeDelegate.java
* /opt/cola/permits/1103147594_1604019252.27/0/quartz-2-1-1-sources-2-jar/org/quartz/Job.java

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* /opt/cola/permits/1136131864_1613687356.59/0/rs...netty/server/Clos...ServerTransport.java
* /opt/cola/permits/1136131864_1613687356.59/0/rs...netty/server/WebsocketServerTransport.java
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1.251 okhttp 3.9.0

1.252 zkclient 0.10

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* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1-jar/com/mongodb/event/ConnectionCheckedInEvent.java
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* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1-jar/com/mongodb/event/ServerMonitorListener.java
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* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1.jar/com/mongodb/management/NullMBeanServer.java
* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1.jar/com/mongodb/client/gridfs/codecs/GridFSFileCodecProvider.java
* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1.jar/com/mongodb/connection/ClusterConnectionMode.java
* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1.jar/com/mongodb/client/model/geojson/Point.java
* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1.jar/com/mongodb/binding/AsyncReadBinding.java
* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1.jar/com/mongodb/client/model/geojson/codecs/AbstractGeometryCodec.java
* /opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1.jar/com/mongodb/client/model/geojson/NamedCoordinateReferenceSystem.java
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*
*/

* Writes a sequence of bytesProduced to this channel from a subsequence of the
* given buffers.
* *
* See \{[@link GatheringByteChannel#write(ByteBuffer[], int, int)]\} for more
* details of the meaning of this signature.
* *
* This method behaves slightly different than the interface specification,
* with respect to non-blocking responses, see \[@link #write(ByteBuffer)\]
* for more details.
* *
* param srcs The buffers from which bytesProduced are to be retrieved
* param offset The offset within the buffer array of the first buffer from
* which bytesProduced are to be retrieved; must be non-negative and no
* larger than \(<tt>srcs.length</tt>\)
* param length The maximum number of buffers to be accessed; must be
* non-negative and no larger than \(<tt>srcs.length</tt>\)
* &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&n
non-negative and no larger than `<tt>dsts.length</tt>`

@return The number of bytes produced read, or `<tt>-1</tt>` if the channel has reached end-of-stream; contrary to the behavior specified in `{ @link ByteChannel}, this method never returns 0, but throws `{ @link WouldBlockException}

@throws IndexOutOfBoundsException If the preconditions on the `<tt>offset</tt>` and `<tt>length</tt>` parameters do not hold

@throws WouldBlockException if the channel is in non-blocking mode and the IO operation cannot be completed immediately

@throws NeedsTaskException if the channel is not configured to run tasks automatically and a task needs to be executed to complete the operation

@throws SSLException if the `{ @link SSLEngine} throws a SSLException

@throws IOException if the underlying channel throws an IOException

*/

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* `/opt/cola/permits/1136447791_1613767063.08/0/mongodb-driver-core-3-12-4-sources-1-jar/com/mongodb/internal/connection/tlschannel/TlsChannel.java`

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/**
* Returns an array containing all of the elements in this deque, in
* proper sequence (from first to last element).
*
* &lt;p&gt;The returned array will be "safe" in that no references to it are
* maintained by this deque. (In other words, this method must allocate
* a new array). The caller is thus free to modify the returned array.
*
* &lt;p&gt;This method acts as bridge between array-based and collection-based
* APIs.
*
* @return an array containing all of the elements in this deque
*/

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* /opt/cola/permits/1136700957_1613864946.53/0/spring-expression-4-3-24-release-sources-3-jar/org/springframework/expression/spel/ast/InlineList.java
* /opt/cola/permits/1136700957_1613864946.53/0/spring-expression-4-3-24-release-sources-3-jar/org/springframework/expression/spel/ast/SpelNode.java
* /opt/cola/permits/1136700957_1613864946.53/0/spring-expression-4-3-24-release-sources-3-jar/org/springframework/expression/spel/ast/SpelExpressionParser.java
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1.261 go-syslog v2.3.0

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1.262 icu4j 58.2

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1.268 netty-handler 4.1.49.Final

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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/timeout/ReadTimeoutException.java
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  jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/Ocsp/OcspClientHandler.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/SslClientHelloHandler.java
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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java

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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java

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1.270 protobuf-java 3.5.1

1.271 lucene-backward-codecs 8.0.0

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1.272 mitchellh-mapstructure 1.1.2
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1.273 beam 2.15.0 cisco-2

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sqlline:
SQLLine - Shell for issuing SQL to relational databases via JDBC

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.274 jersey-client 2.5.1

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* /opt/cola/permits/1103764615_1604346162.75/0/chronicle-core-2-17-10-sources-jar/net/openhft/chronicle/core/onoes/RecordingExceptionHandler.java
* /opt/cola/permits/1103764615_1604346162.75/0/chronicle-core-2-17-10-sources-jar/net/openhft/chronicle/core/onoes/ExceptionKey.java
* /opt/cola/permits/1103764615_1604346162.75/0/chronicle-core-2-17-10-sources-jar/net/openhft/chronicle/core/time/Differencer.java
* /opt/cola/permits/1103764615_1604346162.75/0/chronicle-core-2-17-10-sources-jar/net/openhft/chronicle/core/onoes/PrintExceptionHandler.java
* /opt/cola/permits/1103764615_1604346162.75/0/chronicle-core-2-17-10-sources-jar/net/openhft/chronicle/core/util/ThrowingSupplier.java
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* /opt/cola/permits/1103764615_1604346162.75/0/chronicle-core-2-17-10-sources-jar/net/openhft/chronicle/core/annotation/UsedViaReflection.java
* /opt/cola/permits/1103764615_1604346162.75/0/chronicle-core-2-17-10-sources-jar/net/openhft/chronicle/core/Jvm.java
* /opt/cola/permits/1103764615_1604346162.75/0/chronicle-core-2-17-10-sources-jar/net/openhft/chronicle/core/util/NanoSampler.java
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* /opt/cola/permits/1135953346_1613641379.03/0/asm-4-0-sources-1-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1135953346_1613641379.03/0/asm-4-0-sources-1-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1135953346_1613641379.03/0/asm-4-0-sources-1-jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1135953346_1613641379.03/0/asm-4-0-sources-1-jar/org/objectweb/asm/xml/SAXAdapter.java
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/**
* Constructs a new { @link ClassNode }. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the { @link #ClassNode(int)}
* version.
*/

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/**
 * Constructs a new [Textifier]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [@link Textifier(int)]
 * version.
 */

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

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* version.
*
* @param owner the owner's class name.
* @param access the method's access flags (see { @link Opcodes}).
* @param name the method's name.
* @param desc the method's descriptor (see { @link Type Type}).
* @param mv the method visitor to which this adapter delegates calls. May
* be <tt>null</tt>.
*/

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/**
* Creates a new [ @link GeneratorAdapter]. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* [ @link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
* version.
* 
* @param mv the method visitor to which this adapter delegates calls.
* @param access the method's access flags (see { @link Opcodes}).
* @param name the method's name.
* @param desc the method's descriptor (see { @link Type Type}).
*/

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/**
* Creates a new JSRInliner. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* [ @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])]
* version.
@param mv the <code>MethodVisitor</code> to send the resulting inlined method code to (use <code>null</code> for none).

@param access the method's access flags (see { @link Opcodes}). This parameter also indicates if the method is synthetic and/or deprecated.

@param name the method's name.

@param desc the method's descriptor (see { @link Type}).

@param signature the method's signature. May be <tt>null</tt>.

@param exceptions the internal names of the method's exception classes (see { @link Type#getName() getInternalName}). May be <tt>null</tt>.

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   analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
   analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:
   analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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1.283 joda-time 2.9.1

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    jar/org/objectweb/asm/xml/SAXCodeAdapter.java
  * /opt/cola/permits/1136447751_1613767073.0/0/asm-all-repackaged-2-2-0-b21-sources-3-
    jar/org/objectweb/asm/xml/ASMContentHandler.java
  * /opt/cola/permits/1136447751_1613767073.0/0/asm-all-repackaged-2-2-0-b21-sources-3-
    jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
  * /opt/cola/permits/1136447751_1613767073.0/0/asm-all-repackaged-2-2-0-b21-sources-3-
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* /opt/cola/permits/1103764645_1605569375.63/0/rsocket-transport-local-1.0.0-rc7-sources-jar/io/rsocket/transport/local/LocalServerTransport.java
* /opt/cola/permits/1103764645_1605569375.63/0/rsocket-transport-local-1.0.0-rc7-sources-jar/io/rsocket/transport/local/LocalClientTransport.java
* /opt/cola/permits/1103764645_1605569375.63/0/rsocket-transport-local-1.0.0-rc7-sources-jar/io/rsocket/transport/local/package-info.java
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1.304 jersey-bean-validation 2.5.1

1.305 jsr305 3.0.2

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*/opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native- unix-common-4-1-42-final-sources-3-
jar/io/netty/channel/unix/Limits.java
*/opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native- unix-common-4-1-42-final-sources-3-
jar/io/netty/channel/unix/PeerCredentials.java
*/opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native- unix-common-4-1-42-final-sources-3-
jar/netty_unix_util.h
*/opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native- unix-common-4-1-42-final-sources-3-
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* /opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native-unix-common-4-1-42-final-sources-3-
  jar/io/netty/channel/unix/UnixChannelOption.java
* /opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native-unix-common-4-1-42-final-sources-3-
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  jar/netty_unix_socket.h
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* /opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native-unix-common-4-1-42-final-sources-3-jar/io/netty/channel/unix/PreferredDirectByteBufAllocator.java
* /opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native-unix-common-4-1-42-final-sources-3-jar/io/netty/channel/unix/Errors.java
jar/netty_unix_buffer.h
*/
* /opt/cola/permits/1132244357_1613132141.63/0/netty-transport-native-unix-common-4.1.42-final-sources-3-
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*/
/**
 * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */

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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/netty_epoll_linuxsocket.h
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/netty_epoll_linuxsocket.c

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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/EpollStreamChannel.java
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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/TcpMd5Util.java
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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/package-info.java

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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/AbstractEpollServerChannel.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.
 */
/**
 * Set the {code TCP_QUICKACK} option on the socket. See <a href="http://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
 * for more details.
 */

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#### Jdom-contrib version 1.1.3

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NekoHTML is written using the Xerces Native Interface (XNI) that is the foundation of the Xerces2 implementation. This enables you to use the NekoHTML parser with existing XNI tools without modification or rewriting code.

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- analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
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jseward@acm.org
bzip2/libbzip2 version 1.0.2 of 30 December 2001

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   libbz2.dll test program.
   by Yoshioka Tsuneo (tsuneo@rr.iij4u.or.jp)
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   usage: minibz2 [-d] [-[1,2,...9]] [[srcfilename] destfilename]
*/

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  jar/groovy/util/slurpersupport/package.html
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-jar/groovy/xml/dom/package.html
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-jar/groovy/xml/package.html
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-
  jar/groovy/xml/streamingmarkupsupport/package.html

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  jar/groovy/util/slurpersupport/NodeChild.java
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-
  jar/groovy/util/slurpersupport/GPathResult.java
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-
  jar/groovy/util/XmlNodePrinter.java
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-
  jar/groovy/xml/DOMBuilder.java
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-
  jar/groovy/xml/FactorySupport.java
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-
  jar/groovy/xml/StreamingDOMBuilder.groovy
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-
  jar/groovy/util/slurpersupport/NodeIterator.java
* /opt/cola/permits/1136132063_1613687327.63/0/groovy-xml-2-4-6-sources-1-

1.322 netty-codec-socks 4.1.49.Final

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  jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socks/SocksResponse.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequest.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socks/package-info.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socksx/v4/Socks4CommandType.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandType.java
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  jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponse.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
  jar/io/netty/handler/codec/socksx/v5/Socks5Response.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1.jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1.jar/io/netty/handler/codec/socks/SocksCmdType.java
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* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1.jar/io/netty/handler/codec/socks/SocksAuthStatus.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1.jar/io/netty/handler/codec/socks/SocksAddressType.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1.jar/io/netty/handler/codec/socks/SocksResponseType.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1.jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1.jar/io/netty/handler/codec/socks/SocksRequestType.java

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* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java
* /opt/ws_local/PERMITS_SQL/1068497245_1594417766.44/0/netty-codec-socks-4-1-49-final-sources-1-
jar/io/netty/handler/codec/socksx/v5/Socks5AddressEncoder.java

1.323 profiler 1.0.2

1.324 go-yaml 2.2.1
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* /opt/ws_local/PERMITS_SQL/1048949653_1591433284.08/0/asm-all-repackaged-2-2-0-b21-sources-1-jar/org/objectweb/asm/tree/InsnList.java
* /opt/ws_local/PERMITS_SQL/1048949653_1591433284.08/0/asm-all-repackaged-2-2-0-b21-sources-1-jar/org/objectweb/asm/Opcodes.java
* /opt/ws_local/PERMITS_SQL/1048949653_1591433284.08/0/asm-all-repackaged-2-2-0-b21-sources-1-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/ws_local/PERMITS_SQL/1048949653_1591433284.08/0/asm-all-repackaged-2-2-0-b21-sources-1-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
1.326 guava 25.1-android

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 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/SortedMultisets.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/SortedMultiset.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/MultiReader.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/primitives/Longs.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Converter.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/primitives/Floats.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/primitives/Ints.java
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  jar/com/google/common/collect/IndexedImmutableSet.java
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  jar/com/google/common/collect/WellBehavedMap.java
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  jar/com/google/common/collect/GwtTransient.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/JdkPattern.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/CommonMatcher.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/CompactLinkedHashSet.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ ImmutableListEnumMap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/AbstractMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/CompactLinkedHashMap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/FilteredKeySetMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/FilteredMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/SortedMultisetBridge.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/TransformerdIterator.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/CompactLinkedHashSet.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/FilteredKeyListMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/CompactHashSet.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/RangeMap.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/CompactHashMap.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/AllEqualOrdering.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/RegularImmutableAsList.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/AbstractNavigableMap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ForwardingNavigableMap.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources.jar/com/google/common/collect/RowSortedTable.java
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 */
/**
 * Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
 * version.
 */

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*/
/**
* 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.
*
* &lt;p&gt;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.
*/

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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.
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 */

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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/ValueGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/ForwardingGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/AbstractValueGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/EndpointPairIterator.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/ConfigurableValueGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/UndirectedNetworkConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/ConfigurableMutableValueGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/ConfigurableNetwork.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/Comparators.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/DirectedNetworkConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/ElementOrder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/GraphConstants.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/EdgesConnecting.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/MapIteratorCache.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/ValueGraphBuilder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/MutableValueGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/NetworkConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/ForwardingValueGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/GraphBuilder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/EndpointPair.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/ForwardingNetwork.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/MultiEdgesConnecting.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/ConfigurableMutableNetwork.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/AbstractGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/AbstractNetwork.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/NetworkBuilder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/MapRetrievalCache.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/ImmutableValueGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collect/ConfigurableMutableGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collect/UndirectedGraphConnections.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/GraphConnections.java

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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):
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jar/com/google/common/collect/ObjectArrays.java

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* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-
jar/com/google/common/graph/BaseGraph.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-
jar/com/google/common/collect/ObjectCountLinkedHashMap.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-
jar/com/google/common/collect/ObjectCountHashMap.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-
jar/com/google/common/graph/Traverser.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/Monitor.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/SortedLists.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/annotations/Beta.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Ascii.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/CountDownLatch.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ContiguousSet.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/HashMultiset.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/HashMultisetView.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/HashMultisetView$UnmodifiableView.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Splitter.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/escape/Escapers.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/xml/XmlEscapers.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/ByteProcessor.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/primitives/UnsignedBytes.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/CacheBuilder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/LocalCache.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/MapMakerInternalMap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/DenseImmutableTable.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/escape/Platform.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/Cut.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/annotations/GwtCompatible.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Platform.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/HostSpecifier.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ReferenceEntry.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/RegularImmutableTable.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/ReferenceEntry.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/AbstractService.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collector/ForwardingFuture.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/Callables.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/annotations/GwtIncompatible.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/Service.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/SparseImmutableTable.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/LineProcessor.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ForwardingFuture.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ForwardingFluentFuture.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/Service.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ForwardingFluentFuture.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/net/UrlEscapers.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/MapMaker.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/MoreObjects.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/MessageDigestHashFunction.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/hash/HashCode.java
* /opt/col/a/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/PairwiseEquivalence.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/TreeRangeSet.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/math/LongMath.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/Cach eBuilderSpec.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/RemovalListener.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/hash/AbstractHasher.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/hash/Funnels.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Ticker.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/primitives/UnsignedLong.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/net/HostAndPort.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/net/HttpHeaders.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/math/IntMath.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/primitives/ParseRequest.java

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* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/primitives/UnsignedInteger.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/collect/RegularContiguousSet.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/cache/CacheStats.java
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/net/MediaType.java

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*/
/**
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type { @code Comparable} to use { @code ImmutableSortedMap#of(Comparable, Object)}.</b>
 */

Found in path(s):
* /opt/cola/permits/1111391421_1606905915.70/guava-25-1-android-sources-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/ImmutableSortedMultisetFauxverideShim.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/SortedIterable.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/Count.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/GeneralRange.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/ForwardingSortedMultiset.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/RangeSet.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/AbstractRangeSet.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/SortedIterables.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/RegularImmutableSortedMultiset.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
  jar/com/google/common/collection/ImmutableSortedMultiset.java

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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Suppliers.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/LineReader.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Throwables.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/package-info.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Supplier.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/primitives/Primitives.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Defaults.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Objects.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/ByteStreams.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/base/Preconditions.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/Interners.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/eventbus/EventBus.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/Closeables.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/io/Files.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/ListenableFuture.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/Predicate.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/FinalizableSoftReference.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/eventbus/package-info.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/FinalizableReference.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/Function.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/FinalizablePhantomReference.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/util/concurrent/package-info.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/EnumMultiset.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/FinalizableReferenceQueue.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/io/MultiInputStream.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/io/CountingInputStream.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/Functions.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/io/Flushables.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/FinalizableWeakReference.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/package-info.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/io/CharStreams.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/io/LineBuffer.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/Charsets.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/io/Resources.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/Predicates.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/base/AbstractIterator.java
jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collect/HashBiMap.java
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jar/com/google/common/graph/MutableNetwork.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/PredecessorsFunction.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/graph/ImmutableNetwork.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/Network.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/Graph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/MutableGraph.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/Graphs.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/TopKSelector.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/graph/ImmutableGraph.java

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jar/com/google/common/collection/AbstractSortedSetMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/LinkedHashMultiset.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/ForwardingList.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/Multimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/CompoundOrdering.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/AbstractListMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/SingletonImmutableSet.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/ExplicitOrdering.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/ForwardingIterator.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/AbstractSetMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/AbstractIterator.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/ForwardingSortedMap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/ForwardingMultiset.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/NaturalOrdering.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/LinkedHashMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-
jar/com/google/common/collection/RegularImmutableSet.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ForwardingCollection.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/AbstractMultiset.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/Multimaps.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collect/ConcurrentHashMultiset.java

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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/hash/LongAdder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/cache/Striped64.java

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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/ImmutableMapValues.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/Collections2.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/Table.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/EmptyImmutableListMultimap.java
* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/TreeBasedTable.java
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* /opt/cola/permits/1111391421_1606905915.7/0/guava-25-1-android-sources-jar/com/google/common/collection/ImmutableMapKeySet.java
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1.327 osgi-core 6.0.0

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/FailedChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/FileRegion.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/SocketChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/SucceededChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/local/LocalChannelRegistry.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/local/LocalServerChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/nio/AbstractNioMessageChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelPipelineException.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/SingleThreadEventLoop.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/SocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/DefaultEventLoopGroup.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.

### State management

A `@link ChannelHandler` often needs to store some stateful information. The simplest and recommended approach is to use member variables:

```java
public interface Message {
    // your methods here
}
```

```java
public class DataServerHandler extends @link SimpleChannelInboundHandler<Message> {

    private boolean loggedIn;

    @Override
    public void channelRead0(@link ChannelHandlerContext ctx, Message message) {
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else if (message instanceof GetDataMessage) {
            if (loggedIn) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
            } else {
                fail();
            }
        }
    }

    // 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 a unauthenticated client can get the confidential information:
}
```

```java
// Create a new handler instance per channel.

// See {@link ChannelInitializer#initChannel(Channel)}.
public class DataServerInitializer extends @link ChannelInitializer<{@link Channel}> {
    @Override
    public void initChannel(@link Channel channel) {
        channel.pipeline().addLast("handler", new DataServerHandler());
    }
}
* Using `AttributeKey`s

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 `AttributeKey`s which is provided by `ChannelHandlerContext`:

```java
public interface Message {
    // your methods here
}

@Sharable
public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");

    @Override
    public void channelRead(ChannelHandlerContext ctx, Message message) {
        Attribute<Boolean> attr = ctx.attr(auth);
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) o);
            attr.set(true);
        } else (message instanceof GetDataMessage) {
            if (Boolean.TRUE.equals(attr.get())) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
            } else {
                fail();
            }
        }
    }
    ...

    @Override
    public void initChannel(Channel channel) {
        channel.pipeline().addLast("handler", SHARED);
    }
}
```

Now that the state of the handler is attached to the `ChannelHandlerContext`, you can add the same handler instance to different pipelines:
The `@Sharable` annotation

In the example above which used an `@link AttributeKey`, you might have noticed the `@code @Sharable` annotation.

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.

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.

This annotation is provided for documentation purpose, just like the JCIP annotations.

Additional resources worth reading

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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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
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jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/internal/package-info.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/bootstrap/FailedChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/PendingBytesTracker.java
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1.330 jsr305 3.0.1

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<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
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</plugin>
</plugins>
</build>
</project>

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Manifest-Version: 1.0
Export-Package: javax.annotation;uses:="javax.annotation.meta";version ="3.0.1",javax.annotation.concurrent;version="3.0.1",javax.annotation .meta;uses:="javax.annotation";version="3.0.1"
Built-By: lan
Tool: Bnd-2.1.0.20130426-122213
Bundle-Name: FindBugs-jsr305
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.7.0_80
Bundle-Version: 3.0.1
Bnd-LastModified: 1444367176355
Bundle-ManifestVersion: 2
Bundle-Description: JSR305 Annotations for Findbugs
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-SymbolicName: org.jsr-305
Archiver-Version: Plexus Archiver

1.331 okio 1.13.0

1.332 spring-framework 4.3.24.RELEASE
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* /opt/cola/permits/1135840590_1613612868.44/0/jsr305-3-0-1-7-jar/META-INF/MANIFEST.MF

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* /opt/cola/permits/1135840590_1613612868.44/0/jsr305-3-0-1-7-jar/META-INF/MANIFEST.MF
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jar/org/springframework/core/GenericTypeResolver.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/util/MultiValueMap.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/util/UpdateMessageDigestInputStream.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/util/concurrent/ListenableFutureCallbackRegistry.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/core/io/AbstractResource.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/core/io/VfsResource.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/core/io/VfsUtils.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/core/annotation/AnnotationAwareOrderComparator.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/util/LinkedCaseInsensitiveMap.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-
jar/org/springframework/util/xml/AbstractStaxXMLReader.java

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* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/core/convert/converter/ConverterRegistry.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/core/io/DefaultResourceLoader.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/core/io/support/PropertiesLoaderUtils.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/core/support/IntegerToEnumConverterFactory.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/core/task/support/TaskExecutorAdapter.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/core/io/ProtocolResolver.java
* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/util/concurrent/FailureCallback.java
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* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/core/annotation/MapAnnotationAttributeExtractor.java
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* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3.jar/org/springframework/util/StringValueResolver.java
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* /opt/cola/permits/1135936880_1613638783.35/0/spring-core-4-3-24-release-sources-3-jar/org/springframework/core/SpringProperties.java
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1.337 groovy 2.4.12

1.338 jackson-dataformat-csv 2.10.1

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1.339 pierrec-lz4 2.0.5+incompatible

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1.340 mgo 2.0.0

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mgo - MongoDB driver for Go

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* Set the `TCP_MD5SIG` option on the socket. See `linux/tcp.h` for more details.
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 * /
 /**
 * Set the { @code TCP_MD5SIG} option on the socket. See { @code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 * /
/**
* Set the \{code TCP_QUICKACK\} option on the socket. See &lt;a href="http://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
* for more details.
*/

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jar/io/netty/channel/epoll/EpollSocketChannelConfig.java

1.342 instrumentation-api 0.4.3

1.343 javax-inject 2.2.0-b21
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* /opt/cola/permits/1136447767_1613767069.04/0/javax-inject-2-2-0-b21-sources-2-jar/javax/inject/Qualifier.java
* /opt/cola/permits/1136447767_1613767069.04/0/javax-inject-2-2-0-b21-sources-2-jar/javax/inject/Singleton.java
* /opt/cola/permits/1136447767_1613767069.04/0/javax-inject-2-2-0-b21-sources-2-jar/javax/inject/Provider.java
* /opt/cola/permits/1136447767_1613767069.04/0/javax-inject-2-2-0-b21-sources-2-jar/javax/inject/Named.java
* /opt/cola/permits/1136447767_1613767069.04/0/javax-inject-2-2-0-b21-sources-2-jar/javax/inject/Scope.java
* /opt/cola/permits/1136447767_1613767069.04/0/javax-inject-2-2-0-b21-sources-2-jar/javax/inject/Inject.java

1.344 netty-transport-native-unix-common

4.1.49.Final

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* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-
sources-jar/io/netty/channel/unix/SocketWritableByteChannel.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-
sources-jar/netty_unix_util.c
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-
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* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-
sources-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-
sources-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-
sources-jar/netty_unix_limits.h
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-
sources-jar/io/netty/channel/unix/Limits.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-
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* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/package-info.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/IovArray.java

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* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/Socket.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/netty_unix_filedescriptor.c
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/netty_unix_filedescriptor.h
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* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/Errors.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/netty_unix_socket.c
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/netty_unix_errors.c
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/netty_unix_socket.h
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* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java

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* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/netty_unix_ini.h

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* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/io/netty/channel/unix/Buffer.java
* /opt/ws_local/PERMITS_SQL/1068497201_1594417514.44/0/netty-transport-native-unix-common-4-1-49-final-sources-jar/netty_unix_buffer.h

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1.349 httpcomponents-core 4.2.4

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jar/org/codehaus/groovy/tools/shell/commands/RecordCommand.properties
* /opt/cola/permits/1136132002_1613687336.58/0/groovy-groovysh-2-4-6-sources-1-
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* /opt/cola/permits/1136132002_1613687336.58/0/groovy-groovysh-2-4-6-sources-1-
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1.357 rhino 1.7.7.1

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* These methods take a source char offset and a length. The
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* is available and the IDE will want to indicate where the error
* occurred and how much code participates in it. The start and length
* are generally chosen to fit within a single line, for readability,
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*
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* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/commonjs/module/provider/SoftCachingModuleScriptProvider.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/annotations/JSSetter.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/shell/ShellConsole.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/ScriptStackElement.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
No license file was found, but licenses were detected in source scan.

/* -*- Mode: java; tab-width: 8; indent-tabs-mode: nil; c-basic-offset: 4 -*-
 * 
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Found in path(s):
* /opt/cola/permits/1136166045_1613692962.02/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/optimizer/ClassCompiler.java
* /opt/cola/permits/1136166045_1613692962.02/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/SecurityController.java
* /opt/cola/permits/1136166045_1613692962.02/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/RegExpProxy.java
* /opt/cola/permits/1136166045_1613692962.02/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/CompilerEnvirons.java
* /opt/cola/permits/1136166045_1613692962.02/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/xmlimpl/QName.java
* /opt/cola/permits/1136166045_1613692962.02/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/InterpretedFunction.java
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* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/typedarrays/NativeTypedArrayIterator.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/ClassShutter.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/ast/XmlPropRef.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/Context.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/Regexp.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/Stream.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/TopLevel.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/Synchronizer.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/AstRoot.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/EmptyStatement.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/SwitchStatement.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/XmlString.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/ScriptableObject.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/TopLevel.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/Synchronizer.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/AstRoot.java
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* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/NodeTransformer.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/shell/Global.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/shell/JavaPolicySecurity.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/debug/DebuggableObject.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/shell/ContextAction.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/debug/WrappedException.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/serialize/ScriptableInputStream.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/typedarrays/TypedArray.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/xml/XMLLib.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/shell/Global.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/shell/JavaPolicySecurity.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/shell/PropertyGet.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/xmlimpl/XMLList.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/UintMap.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/ast/Loop.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/tools/debugger/SourceProvider.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/tools/debugger/Dim.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/tools/shell/Environment.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/ast/ErrorNode.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/xmlimpl/XMLCtor.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/xmlimpl/XMLCtor.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/ast/NewExpression.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1.jar/org/mozilla/javascript/ast/ErrorNode.java
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 *
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* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
  jar/org/mozilla/javascript/tools/idswitch/Main.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
  jar/org/mozilla/javascript/tools/idswitch/CodePrinter.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
  jar/org/mozilla/javascript/tools/idswitch/SwitchGenerator.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
  jar/org/mozilla/javascript/tools/idswitch/FileBody.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
  jar/org/mozilla/javascript/tools/idswitch/IdValuePair.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
  jar/org/mozilla/javascript/tools/idswitch/IdScriptableObject.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
  jar/org/mozilla/javascript/tools/idswitch/IdValuePair.java
* /opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-
  jar/org/mozilla/javascript/tools/idswitch/IdScriptableObject.java

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/*
 * TreeTableModel.java
 *
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 */
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Found in path(s):
/opt/cola/permits/1136166045_1613692962.02/0/rhino-1-7-7-1-sources-1-jar/org/mozilla/javascript/tools/debugger/treetable/TreeTableModel.java

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During the great date rewrite of 1.3, we tried to track the evolving ECMA standard, which then had a definition of getYear which always subtracted 1900. Which we implemented, not realizing that it was incompatible with the old behavior... now, rather than thrash the behavior yet again, we've decided to leave it with the - 1900 behavior and point people to the getFullYear method. But we try to protect existing scripts that have specified a version...
1.358 antlr-runtime 4.7.2

1.359 reactive-streams 1.0.0

1.360 protobuf-java-util 3.5.1

1.361 jackson-jaxrs 2.10.4

1.361.1 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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For more information, including possible other licensing options, contact FasterXML.com (http://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.

1.362 netty 4.1.11.Final

1.362.1 Available under license:

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Version 2.1, February 1999

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

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

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

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threshold for this to be true is not precisely defined by law.

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

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
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of these things:

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

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
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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)
^
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
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// throws a special exception. This ensures execution of all pending

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  jar/org/mozilla/javascript/NativeJSON.java
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  jar/org/mozilla/javascript/tools/idswitch/FileBody.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/org/mozilla/javascript/IdScriptableObject.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/org/mozilla/javascript/tools/idswitch/IdValuePair.java
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  jar/org/mozilla/javascript/v8dtoa/FastDtoa.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/org/mozilla/javascript/v8dtoa/CachedPowers.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/org/mozilla/javascript/v8dtoa/DiyFp.java
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* set to an instance of this interface, then this interface's *
* [@link #warning] and [@link #error] methods are called instead *
* of the [@link org.mozilla.javascript.ErrorReporter] versions. <p>
These methods take a source char offset and a length. The rationale is that in interactive IDE-type environments, the source is available and the IDE will want to indicate where the error occurred and how much code participates in it. The start and length are generally chosen to fit within a single line, for readability, but the client is free to use the AST to determine the affected node(s) from the start position and change the error or warning's display bounds.

@author Steve Yegge

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@(#)TreeTableModelAdapter.java 1.2 98/10/27

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  jar/or/mozilla/javascript/StackStyle.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/annotations/JSConstructor.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/tools/SourceReader.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/commonjs/module/ModuleScope.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/commonjs/module/ModuleScript.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/tools/jsc/Main.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/annotations/JSGetter.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/v8dtoa/DoubleConversion.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/v8dtoa/DoubleConversion.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/debug/DebuggableObject.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/ast/NewExpression.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/regexp/SubString.java
* /opt/cola/permissions/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
  jar/or/mozilla/javascript/typedarrays/NativeInt8Array.java
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* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/xmlimpl/XMLName.java
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* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/Callable.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/JavaScriptException.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/xmlimpl/QName.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/Delegator.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/ast/Name.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/SecurityController.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/ast/EmptyStatement.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/ast/Assignment.java
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* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/RegExpProxy.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/Undefined.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/LazilyLoadedCtor.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/debug/DebuggableScript.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-jar/org/mozilla/javascript/GeneratedClassLoader.java
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jar/org/mozilla/javascript/typedarrays/NativeTypedArrayView.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
jar/org/mozilla/javascript/ast/SwitchStatement.java
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* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
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jar/org/mozilla/javascript/ExternalArrayData.java
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jar/org/mozilla/javascript/ast/ParseProblem.java
* /opt/cola/permits/1136701711_1613864192.24/0/rhino-1-7-7-2-sources-3-
jar/org/mozilla/javascript/NativeJavaPackage.java
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- org.apache.commons:commons-compress:1.18
- org.apache.commons:commons-lang3:3.5
- commons-beanutils:commons-beanutils:1.8.3
- commons-cli:commons-cli:1.3.1
- commons-codec:commons-codec:1.10
- commons-collections:commons-collections:3.2.2
- commons-configuration:commons-configuration:1.7
- commons-digester:commons-digester:1.8.1
- commons-io:commons-io:2.4
- commons-lang:commons-lang:2.6
- commons-logging:commons-logging:1.1.3
- commons-net:commons-net:3.1
- commons-httpclient:commons-httpclient:3.1
- com.google.guava:guava:11.0.2
- com.google.code.gson:gson:2.2.4
- com.squareup.okhttp:okhttp:2.4.0
- com.squareup.okio:okio:1.4.0
- net.minidev:json-smart:1.1.1
- com.nimbusds:nimbus-jose-jwt:3.9
- org.mortbay.jetty:jetty-sslengine:6.1.26
- org.codehaus.jackson:jackson-core-asl:1.9.13
- org.codehaus.jackson:jackson-mapper-asl:1.9.13

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- xmlenc:xmlenc:0.52
- com.google.protobuf:protobuf-java:2.5.0

This project bundles "net.jcip:jcip-annotations:1.0".
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For portions of the native implementation of slicing-by-8 CRC calculation in src/main/native/src/org/apache/hadoop/util:

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LZ4 - Fast LZ compression algorithm
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*/

For hadoop-hdfs-project/hadoop-hdfs-native-client/src/main/native/fuse-dfs/util/tree.h

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For hadoop-yarn-project/hadoop-yarn/hadoop-yarn-server/hadoop-yarn-server-
nodemanager/src/main/native/container-executor/impl/compat/{fstatat|openat|unlinkat}.h:

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- com.fasterxml.jackson.dataformat:jackson-dataformat-yaml:2.6.6
- com.google.guava:guava:18.0
- com.ning:compress-lzf:1.0.2
- com.spatial4j:spatial4j:0.5
- com.tdunning:t-digest:3.0
- commons-cli:commons-cli:1.3.1
- io.netty:netty:3.10.5.Final
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- org.apache.lucene:lucene-backward-codecs:5.5.0
- org.apache.lucene:lucene-core:5.5.0
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 *
 * Abstract: The main routine
 *
*/

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/*
LZ4 - Fast LZ compression algorithm
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For hadoop-common-project/hadoop-common/src/main/native/gtest

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bootstrap v3.3.6
broccoli-asset-rev v2.4.2
broccoli-funnel v1.0.1
datatables v1.10.8
datatables v1.10.8
em-helpers v0.5.13
datatables v1.10.8
datatables v1.10.8
datatables v1.10.8
em-table v0.1.6
datatables v1.10.8
datatables v1.10.8
datatables v1.10.8
ember v2.2.0
datatables v1.10.8
datatables v1.10.8
datatables v1.10.8
ember-array-contains-helper v1.0.2
datatables v1.10.8
datatables v1.10.8
datatables v1.10.8
ember-bootstrap v0.5.1
datatables v1.10.8
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datatables v1.10.8
ember-cli v1.13.13
datatables v1.10.8
datatables v1.10.8
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ember-cli-app-version v1.0.0
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ember-cli-babel v5.1.6

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Hbase Server 1.2.4

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  - dagre:0.7.5
  - dagre-d3:0.4.17
  - ev-emitter:1.1.1
  - font-awesome:4.5.0 (CSS)
  - graphlib:1.0.7
  - imagesloaded:4.1.4
  - jquery:2.2.0
  - lodash:3.10.1
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- commons-httpclient:commons-httpclient:3.1
- org.codehaus.jackson:jackson-core-asl:1.9.13
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- org.apache.hadoop:hadoop-common
- org.apache.hadoop:hadoop-hdfs
- org.apache.hadoop:hadoop-mapreduce-client-core
- org.apache.hadoop:hadoop-mapreduce-yarn-client
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Janino - An embedded Java[TM] compiler

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- com.twitter:chill_2.11:0.7.6
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- com.typesafe.akka:akka-actor_2.11:2.4.20
- com.typesafe.akka:akka-camel_2.11:2.4.20
- com.typesafe.akka:akka-protoBuf_2.11:2.4.20
- com.typesafe.akka:akka-slf4j_2.11:2.4.20
- com.typesafe.akka:akka-stream_2.11:2.4.20
- commons-cli:commons-cli:1.3.1
- commons-collections:commons-collections:3.2.2
- commons-logging:commons-logging:1.1
- commons-io:commons-io:2.4
- org.apache.camel:camel-core:2.17.7
- org.apache.commons:commons-compress:1.18
- org.apache.commons:commons-lang3:3.3.2
- org.apache.commons:commons-math3:3.5
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- org.clapper:grizzled-slf4j_2.11:1.3.2

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- org.scala-lang:scala-library:2.11.12
- org.scala-lang:scala-reflect:2.11.12
- org.scala-lang.modules:scala-java8-compat_2.11:0.7.0
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- commons-codec:commons-codec:1.10
- commons-logging:commons-logging:1.1.3
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- org.apache.httpcomponents:httpclient:4.5.3
- org.apache.httpcomponents:httpcore:4.4.6
- org.apache.httpcomponents:httpcore-nio:4.4.5
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- org.elasticsearch.plugin:aggs-matrix-stats-client:6.3.1
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- com.squareup.okhttp3:logging-interceptor:3.11.0
- com.squareup.okhttp3:okhttp:3.11.0
- com.squareup.okio:okio:1.14.0
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- angular-drag-and-drop-list:1.4.0
- angular-moment:0.10.3
- angular-ui-router:0.2.15
- bootstrap:3.3.6
- dagre:0.7.5
- dagre-d3:0.4.17
- ev-emitter:1.1.1
- font-awesome:4.5.0 (CSS)
- graphlib:1.0.7
- imagesloaded:4.1.4
- jquery:2.2.0
- lodash:3.10.1
- moment:2.10.6
- moment-duration-format:1.3.0
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- org.apache.mesos:mesos:1.0.1
- com.fasterxml.jackson.core:jackson-annotations:2.4.0
- com.fasterxml.jackson.core:jackson-core:2.4.5
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- com.aliyun:aliyun-java-sdk-ram:3.0.0
- com.aliyun:aliyun-java-sdk-sts:3.0.0
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- com.fasterxml.jackson.core:jackson-core:2.7.8
- com.fasterxml.jackson.core:jackson-databind:2.7.8
- com.fasterxml.jackson.core:jackson-annotations:2.7.8
- com.fasterxml.jackson.core:jackson-core:2.7.8
- com.fasterxml.jackson.core:jackson-databind:2.7.8
- com.github.stephenc.jcip:jcip-annotations:1.0-1
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- com.nimbusds:nimbus-jose-jwt:4.41.1
- commons-beanutils:commons-beanutils:1.9.3
- commons-cli:commons-cli:1.3.1
- org.eclipse.jetty:jetty-servlet:9.3.19.v20170502
- org.eclipse.jetty:jetty-util:9.3.19.v20170502
- org.eclipse.jetty:jetty-webapp:9.3.19.v20170502
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- com.sun.xml.bind:jAXB-impl:2.2.3-1
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  * https://github.com/joewalnes/webbit
flink-connector-elasticsearch
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- com.spatial4j:spatial4j:0.4.1
- org.apache.lucene:lucene-analyzers-common:4.10.4
- org.apache.lucene:lucene-core:4.10.4
- org.apache.lucene:lucene-grouping:4.10.4
- org.apache.lucene:lucene-highlighter:4.10.4
- org.apache.lucene:lucene-join:4.10.4
- org.apache.lucene:lucene-memory:4.10.4
- org.apache.lucene:lucene-misc:4.10.4
- org.apache.lucene:lucene-queries:4.10.4
- org.apache.lucene:lucene-queryparser:4.10.4
- org.apache.lucene:lucene-sandbox:4.10.4
- org.apache.lucene:lucene-spatial:4.10.4
- org.apache.lucene:lucene-suggest:4.10.4
- org.elasticsearch:elasticsearch:1.7.1
- org.yaml:snakeyaml:1.12

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- org.antlr:antlr-runtime:jar:3.5
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- net.sf.opencsv:opencsv:2.3
- org.scalanlp:breeze_2.11:0.13
- org.scalanlp:breeze-macros_2.11:0.13
- org.typelevel:macro-compat_2.11:1.1.1

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- com.github.fommil.netlib:core:1.1.2
- net.sourceforge.f2j:arpack_combined_all:0.1

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- org.spire-math:spire_2.11:0.13.0
- org.spire-math:spire-macros_2.11:0.13.0
- org.typelevel: machinist_2.11:0.6.1

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- com.github.rwl:jtransforms:2.4.0 (https://sourceforge.net/projects/jtransforms/)
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- org.python:jython-standalone:2.7.1
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- org.jline:jline-reader:3.9.0
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- com.jamesmurty.utils:java-xmlbuilder:0.4
- commons-beanutils:commons-beanutils:1.9.3
- commons-cli:commons-cli:1.3.1
- commons-codec:commons-codec:1.10
- commons-collections:commons-collections:3.2.2
- commons-configuration:commons-configuration:1.7
- commons-daemon:commons-daemon:1.0.13
- commons-digester:commons-digester:1.8.1
- commons-io:commons-io:2.4
- commons-lang:commons-lang:2.6
- commons-logging:commons-logging:1.1.3
- commons-net:commons-net:3.1
- org.apache.avro:avro:1.8.2
- org.apache.commons:commons-compress:1.18
- org.apache.commons:commons-math3:3.5
- org.apache.zookeeper:zookeeper:3.4.10
- org.codehaus.jackson:jackson-core-asl:1.9.13
- org.codehaus.jackson:jackson-mapper-asl:1.9.13
- org.xerial.snappy:snappy-java:1.1.4

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- com.jcraft:jsch:0.1.42
- com.thoughtworks.paranamer:paranamer:2.7
- xmlenc:xmlenc:0.52

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- javax.servlet:servlet-api:2.5 (https://repo1.maven.org/maven2/javax/servlet/servlet-api/2.5/)
- javax.xml.stream:stax-api:1.0-2 (http://central.maven.org/maven2/javax/xml/stream/stax-api/1.0-2/)

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- com.sun.jersey:jersey-client:1.9 (http://central.maven.org/maven2/com/sun/jersey/jersey-client/1.9/)
- javax.xml.bind:jaxb-api:2.2.2 (https://jaxb.dev.java.net/)

This project bundles "org.tukaani:xz:1.5".
This Java implementation of XZ has been put into the public domain, thus you can do whatever you want with it. All the files in the package have been written by Lasse Collin, but some files are heavily based on public domain code written by Igor Pavlov.
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* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/AbstractSniHandler.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/ocsp/package-info.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/Java9SslEngine.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/Conscrypt.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/ssl/SniCompletionEvent.java

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jar/io/netty/handler/traffic/package-info.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
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jar/io/netty/handler/ssl/JdkSslEngine.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ssl/OpenSsl.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ipfilter/SslProvider.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
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jar/io/netty/handler/ssl/OpenSslContext.java
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jar/io/netty/handler/ssl/OpenSslServerContext.java
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  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslHandler.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslSession.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslcertX509KeyMaterialProvider.java
  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslTls13X509ExtendedTrustManager.java
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  */opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java

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* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/PemEncoded.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/PemX509Certificate.java
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* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
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* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/Java8SslUtils.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/flush/FlushConsolidationHandler.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/PemValue.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
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* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-jar/io/netty/handler/timeout/IdleStateEvent.java
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* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5.jar/javassist/compiler/CodeGen.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5.jar/javassist/convert/TransformAccessArrayField.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5.jar/javassist/compiler/CompileError.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5.jar/javassist/bytecode/analysis/FramePrinter.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/analysis/MultiArrayType.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/ArrayInit.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/Symbol.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/CtMethod.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/analysis/Frame.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/SignatureAttribute.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/SymbolTable.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/ByteArrayClassPath.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/stackmap/Tracer.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/util/proxy/ProxyObject.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/reflect/Metalevel.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/rmi/ObjectNotFoundException.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/CodeIterator.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/StackMap.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/Stmnt.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/web/Viewer.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/Stmtnt.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/reflect/CannotInvokeException.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/rmi/ObjectNotFoundException.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/CodeIterator.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/StackMap.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/web/Viewer.java

jar/javassist/tools/reflect/ClassMetaobject.java
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Found in path(s):
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/FloatMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/ByteMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/LongMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
  jar/javassist/bytecode/annotation/ArrayMemberValue.java
1.377 httpcomponents-httpcore 4.2.4

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1.379 groovy-swing 2.4.6

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jar/groovy/swing/factory/ComboBoxFactory.groovy
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jar/org/codehaus/groovy/binding/ClosureSourceBinding.java
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jar/groovy/swing/binding/JComboBoxMetaMethods.groovy
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* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
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jar/groovy/swing/binding/JListProperties.groovy
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
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* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
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jar/groovy/swing/impl/ClosureRenderer.java
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* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
jar/groovy/swing/factory/DialogFactory.groovy
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
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* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
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* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
jar/groovy/swing/factory/SeparatorFactory.groovy
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
jar/groovy/swing/factory/GridBagFactory.groovy
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* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
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* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
jar/groovy/swing/factory/CellEditorFactory.groovy
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
jar/groovy/swing/impl/DefaultAction.java
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
jar/groovy/swing/factory/TableModelFactory.groovy
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
jar/groovy/swing/factory/BeanFactory.groovy
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-
jar/groovy/swing/factory/FormattedTextFactory.groovy

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* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-jar/org/codehaus/groovy/binding/package.html
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-jar/groovy/swing/impl/package.html
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-jar/groovy/swing/factory/package.html
* /opt/cola/permits/1136132047_1613687330.09/0/groovy-swing-2-4-6-sources-1-jar/groovy/swing/binding/package.html

1.380 activation 1.2.1

1.381 jersey-media-multipart 2.5.1
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jar/bayern/steinbrecher/jzlib/DeflaterOutputStream.java
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* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1.jar/bayern/steinbrecher/jzlib/InfBlocks.java
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* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1.jar/bayern/steinbrecher/jzlib/Inflate.java

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* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1.jar/bayern/steinbrecher/jzlib/Deflate.java
* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1.jar/bayern/steinbrecher/jzlib/Adler32.java
* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1.jar/bayern/steinbrecher/jzlib/Inflate.java
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* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1-jar/bayern/steinbrecher/jzlib/StaticTree.java
* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1-jar/bayern/steinbrecher/jzlib/InfCodes.java
* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1-jar/bayern/steinbrecher/jzlib/InfTree.java
* /opt/cola/permits/1137157831_1614023803.3/0/jzlib-1-1-5-sources-1-jar/bayern/steinbrecher/jzlib/ZStreamException.java

1.385 javax-el 2.2.4

1.386 jackson-dataformat-xml 2.9.10
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1.387 netty 4.1.32.Final

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1.388 spatial4j 0.7

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* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-jar/org/locationtech/spatial4j/context/SpatialContextFactory.java

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* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-jar/org/locationtech/spatial4j/io/ParseUtils.java
* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-jar/org/locationtech/spatial4j/io/JtsPolyshapeWriter.java
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* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-
  jar/org/locationtech/spatial4j/io/jackson/ShapeDeserializer.java
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* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-jar/org/locationtech/spatial4j/package-info.java
* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-jar/org/locationtech/spatial4j/shape/jts/JtsGeometry.java
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* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-jar/org/locationtech/spatial4j/context/SpatialContext.java
* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-jar/org/locationtech/spatial4j/shape/impl/GeoCircle.java
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* /opt/cola/permits/1136404733_1613763670.46/0/spatial4j-0-7-sources-4-jar/org/locationtech/spatial4j/distance/GeodesicSphereDistCalc.java
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1.389 google-auth-library-credentials 0.13.0

1.390 netty-tcnative-boringssl-static
2.0.22.Final

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Manifest-Version: 1.0
BoringSSL-Revision: 0f5ecd3a854546d943104e1f7421e489b7f4d5aa
Bundle-Description: A Mavenized fork of Tomcat Native which incorporates various patches. This artifact is statically linked to BoringSSL and Apache APR.
Apr-Version: 1.6.5
Automatic-Module-Name: io.netty.tcnative.boringssl
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.tcnative-boringssl-static
Archiver-Version: Plexus Archiver
Built-By: Norman Maurer
Bnd-LastModified: 1551466213343
Bundle-ManifestVersion: 2
Bundle-DocURL: http://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: org.eclipse.jetty.npn;version="[1,2)";resolution=optional,sun.nio.ch;resolution=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution=optional
Tool: Bnd-2.1.0.20130426-122213
Export-Package: io.netty.internal.tcnative;version="2.0.22.Final"
Bundle-Name: Netty/TomcatNative [BoringSSL - Static]
Bundle-Version: 2.0.22.Final
BoringSSL-Branch: chromium-stable
Bundle-NativeCode: META-INF/native/netty_tcnative.dll;osname=win32;processor=x86_64
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_74

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* /opt/cola/permits/1112201036_1607049823.63/0/netty-tcnative-boringssl-static-2.0.22-final-sources-2-jar/META-INF/MANIFEST.MF
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jar/io/netty/internal/tcnative/SessionTicketKey.java
* /opt/cola/permits/1112201036_1607049823.63/0/netty-tcnative-boringssl-static-2-0-22-final-sources-2-
jar/io/netty/internal/tcnative/CertificateRequestedCallback.java
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1.391 security-provider 1.64
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1.394 jetty-servlet 9.3.27.v20190418

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* /opt/ws_local/PERMITS_SQL/1068497266_1594417706.27/0/netty-handler-proxy-4.1.49-final-sources-1.jar/io/netty/handler/proxy/HttpProxyHandler.java
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* /opt/ws_local/PERMITS_SQL/1068497266_1594417706.27/0/netty-handler-proxy-4.1.49-final-sources-1.jar/io/netty/handler/proxy/ProxyHandler.java
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1.397 j2objc-annotations 1.1

1.398 lz4-java 1.6.0

1.399 commons-logging 1.2

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* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Log4JLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java
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1.400 zstd 1.4.3-1
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/LinkedHashMultiset.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ForwardingIterator.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ForwardingSet.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/Multimaps.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ComparatorOrdering.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/Multimap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ForwardingMultimap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/HashMultiset.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/collection/ForwardingTable.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/collection/AbstractIndexedListIterator.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/collection/ImmutableClassToInstanceMap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/collection/ComparisonChain.java

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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/util/concurrent/AtomicDoubleArray.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/hash/LongAdder.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/hash/Striped64.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/cache/Striped64.java

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/*
jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
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*/
/**
* Holder for extra methods of {code Objects} only in web. Intended to be empty for regular
* version.
*/

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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/base/ExtraObjectsMethodsForWeb.java
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jar/com/google/common/util/concurrent/ExecutionSequencer.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/hash/ImmutableSupplier.java
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jar/com/google/common/graph/ImmutableGraph.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/graph/Network.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/graph/MutableGraph.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/graph/MutableNetwork.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/graph/PredecessorsFunction.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/graph/ImmutableNetwork.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/TopKSelector.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/graph/Graphs.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/graph/Graph.java
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  jar/com/google/common/graph/package-info.java
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  jar/com/google/common/collect/GwtTransient.java
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  jar/com/google/common/util/concurrent/Monitor.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/primitives/package-info.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/base/Strings.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/base/Ascii.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/base/Equivalence.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/annotations/package-info.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/collect/ContiguousSet.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/annotations/Beta.java

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 */
/**
 * 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.
 *
 * 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
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/base/Optional.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/hash/PrimitiveSink.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/collect/BoundType.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/math/MathPreconditions.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/hash/Murmur3_32HashFunction.java
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/cache/RemovalListener.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/hash/Hasher.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/base/ Enums.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1.jar/com/google/common/hash/Murmur3_128HashFunction.java
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/graph/Traverser.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/collect/ObjectCountHashMap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/collect/ObjectCountLinkedHashMap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/graph/AbstractBaseGraph.java

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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/io/AppendableWriter.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
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jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/TimeLimiter.java
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jar/com/google/common/util/concurrent/FakeTimeLimiter.java
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jar/com/google/common/io/PatternFilenameFilter.java

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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/AbstractSequentialIterator.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/MinMaxPriorityQueue.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/RowSortedTable.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ForwardingListMultimap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ForwardingSetMultimap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ForwardingSortedSetMultimap.java

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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ConsumingQueueIterator.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/util/concurrent/AsyncCallable.java
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/annotations/GwtCompatible.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/escape/Escapers.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/cache/LocalCache.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/io/LineProcessor.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/util/concurrent/Callables.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/xml/XmlEscapers.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collect/MapMaker.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/net/HostSpecifier.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/io/ByteProcessor.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.
*/

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  jar/com/google/common/util/concurrent/Striped.java
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  jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/math/Quantiles.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/eventbus/SubscriberRegistry.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/eventbus/Dispatcher.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/base/MoreObjects.java
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  jar/com/google/common/eventbus/Subscriber.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/collect/BaseImmutableMultimap.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/collect/IndexedImmutableSet.java

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/**
 * 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.
 */
This method assumes that the collection size doesn't change while the method is running.

*<p>TODo(kevinb): support concurrently modified collections?
*<p>@param c the collection for which to return an array of elements
*/

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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ForwardingSortedMultiset.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/RangeSet.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/AbstractRangeSet.java
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 */
/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}</b>
 * key. Proper calls will resolve to the version in { @code ImmutableSortedMap}, not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type {@code Comparable} to use { @link
 * ImmutableSortedMap#of(Comparable, Object) }.</b>
 */

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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
  jar/com/google/common/collection/ImmutableSortedMapFauxverideShim.java
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ForwardingImmutableList.java
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jar/com/google/common/collect/ForwardingBlockingDeque.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/DescendingMultiset.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/FilteredEntryMultimap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/TransformedIterator.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/ImmutableEnumMap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/CompactHashSet.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/AbstractMultimap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/EvictingQueue.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/FilteredKeyListMultimap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/CompactHashMap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/FilteredMultimap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/FilteredKeySetMultimap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/ForwardingImmutableSet.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/RegularImmutableAsList.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/AbstractNavigableMap.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/SortedMultisetBridge.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/cola/permits/111470099_1607546179.55/0/guava-28-0-android-sources-1-
jar/com/google/common/collect/CompactLinkedHashSet.java
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/*
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ImmutableMapEntrySet.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/PeekingIterator.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ImmutableBiMapKeySet.java
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* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/ImmutableMultiSet.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-jar/com/google/common/collection/Tables.java
* /opt/cola/permits/1114700909_1607546179.55/0/guava-28-0-android-sources-1-
1.405 json-simple 1.1.1

1.406 netty-buffer 4.1.34.Final

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* /opt/cola/permits/1110676925_1606843969.75/0/netty-buffer-4-1-34-final-sources-1-
  jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java
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* /opt/cola/permits/1110676925_1606843969.75/0/netty-buffer-4-1-34-final-sources-1-
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1.417 gremlin-core 3.2.0

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* /opt/cola/permits/1103764636_1604518270.78/0/rsocket-core-1-0-0-rc7-sources-jar/io/rsocket/internal/jctools/queues/Pow2.java
* /opt/cola/permits/1103764636_1604518270.78/0/rsocket-core-1-0-0-rc7-sources-jar/io/rsocket/internal/jctools/queues/LinkedQueueNode.java
* /opt/cola/permits/1103764636_1604518270.78/0/rsocket-core-1-0-0-rc7-sources-jar/io/rsocket/internal/jctools/queues/QueueProgressIndicators.java
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* /opt/cola/permits/1103764636_1604518270.78/0/rsocket-core-1-0-0-rc7-sources-jar/io/rsocket/exceptions/RejectedSetupException.java
* /opt/cola/permits/1103764636_1604518270.78/0/rsocket-core-1-0-0-rc7-sources-jar/io/rsocket/exceptions/ApplicationErrorException.java
* /opt/cola/permits/1103764636_1604518270.78/0/rsocket-core-1-0-0-rc7-sources-jar/io/rsocket/exceptions/CustomRSocketException.java
* /opt/cola/permits/1103764636_1604518270.78/0/rsocket-core-1-0-0-rc7-sources-jar/io/rsocket/exceptions/InvalidSetupException.java
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jar/io/rsocket/exceptions/RejectedResumeException.java
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* /opt/cola/permits/1103764636_1604518270.78/0/rssocket-core-1-0-0-rc7-sources-jar/io/rssocket/exceptions/InvalidOperationException.java
* /opt/cola/permits/1103764636_1604518270.78/0/rssocket-core-1-0-0-rc7-sources-jar/io/rssocket/exceptions/ConnectionCloseException.java
* /opt/cola/permits/1103764636_1604518270.78/0/rssocket-core-1-0-0-rc7-sources-jar/io/rssocket/fragmentation/ReassemblyDuplexConnection.java
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inspired from the algorithm description provided in
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The textbook (containing a proof that the shuffle is uniformly random) is
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1.429 grpc-okhttp 0.12.0

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  jar/io/grpc/okhttp/internal/framed/Settings.java

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  jar/io/grpc/okhttp/internal/framed/FrameWriter.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-
  jar/io/grpc/okhttp/internal/framed/FrameReader.java
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* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/internal/framed/ErrorCode.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/internal/framed/HeadersMode.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/internal/framed/Variant.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/internal/framed/Hpack.java

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* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/AsyncFrameWriter.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/Internal/framed/Huffman.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/AsyncFrameWriter.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/OkHttpSettingsUtil.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/OkHttpChannelBuilder.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/OkHttpReadableBuffer.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/OutboundFlowController.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/OkHttpChannelBuilder.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/OkHttpReadableBuffer.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc-okhttp/OutboundFlowController.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1
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* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc/okhttp/package-info.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc/okhttp/OkHttpWritableBufferAllocator.java
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc/okhttp/OkHttpProtocolNegotiator.java

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  * /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc/okhttp/internal/ConnectionSpec.java
  * /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc/okhttp/internal/CipherSuite.java
  * /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc/okhttp/internal/TlsVersion.java

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1.430 cassandra-driver-mapping 3.0.2

1.431 swagger-annotations 1.5.16

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 */

package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {
```

---

Found in path(s):
* /opt/cola/permits/1001160652_1606872405.56/0/grpc-okhttp-0-12-0-sources-1-jar/io/grpc/okhttp/internal/Util.java
* The name of the license.
*  
* @return the name of the license
*/
String name();

/**
 * An optional URL for the license.
 *  
* @return an optional URL for the license.
*/
String url() default "";
}

1.432 annotations 12.0

1.433 grpc-auth 0.12.0
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  jar/io/grpc/auth/ClientAuthInterceptor.java

1.434 druid 1.0.15

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* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/parser/NotAllowCommentException.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/pool/DruidDataSourceC3P0AdapterMBean.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources.jar/com/alibaba/druid/sql/visitor/SQLASTVisitorAdapter.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources.jar/com/alibaba/druid/support/monitor/annotation/AggregateType.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources.jar/com/alibaba/druid/sql/visitor/functions/OneParamFunctions.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources.jar/com/alibaba/druid/support/jconsole/model/RowHeaderTable.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources.jar/com/alibaba/druid/support/jconsole/DruidPanel.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/wall/spi/SQLServerWallProvider.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/visitor/functions/Length.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/support/spring/stat/config/DruidStatBeanDefinitionParser.java
jar/com/alibaba/druid/sql/parser/EOFParserException.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/builder/UpdateBuilder.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/postgresql/ast/PGFunctionTableSource.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/oracle/ast/OracleOrderBy.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/pool/DruidPooledConnection.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/mock/MockBlob.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/ast/statement/SQLTableSourceImpl.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/stat/DruidStatementStat.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/support/spring/stat/SpringMethodInfo.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/support/spring/stat/annotation/StatAnnotationBeanPostProcessor.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/postgresql/ast/stmt/PGShowStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/support/spring/mvc/StatHandlerInterceptor.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/oracle/ast/stmt/OracleAlterTablespaceAddDataFile.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/pool/vendor/PGValidConnectionChecker.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/proxy/jdbc/ResultSetMetaDataProxy.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/odps/parser/OdpsStatementParser.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/ast/expr/SQLBetweenExpr.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/postgresql/ast/expr/PGPolygonExpr.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/support/spring/stat/StatHandlerInterceptor.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/oracle/ast/OracleOrderBy.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/support/spring/stat/annotation/StatAnnotationBeanPostProcessor.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
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* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/parser/CharTypes.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/dialect/oracle/ast/OracleDataTypeIntervalDay.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/dialect/oracle/ast/OracleDateExpr.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/dialect/mysql/ast/statement/MySqlShowAuthorsStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/pool/GetConnectionTimeoutException.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/dialect/oracle/ast/oracleDataDateTimeIntervalYear.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/support/logging/Log4j2Impl.java

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* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/support/ibatis/SpringIbatisBeanTypeAutoProxyCreatorMBean.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/util/DruidDataSourceUtils.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/visitor/functions/Lcase.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/ast/statement/SQLDropTableStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/dialect/oracle/ast/OracleDataTypeTimestamp.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/dialect/mysql/ast/MySqlPrimaryKey.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/sql/visitor/functions/Char.java
jar/com/alibaba/druid/proxy/jdbc/ConnectionProxyImpl.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/oracle/ast/stmt/OracleCreateIndexStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/support/ibatis/SqlMapClientWrapper.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/postgresql/ast/expr/PGParameter.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/support/hibernate/DruidConnectionProvider.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/support/spring/DruidNativeJdbcExtractor.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/mysql/ast/statement/MySqlAlterTableAddColumn.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/mysql/ast/statement/MySqlExecuteStatement.java
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jar/com/alibaba/druid/sql/dialect/oracle/stmt/OracleExitStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/support/spring/stat/SpringMethodStat.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/support/jconsole/DruidDriverPanel.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/filter/encoding/CharsetConvert.java
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  jar/com/alibaba/druid/support/jconsole/DruidSQLPanel.java
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  jar/com/alibaba/druid/support/jconsole/DruidDriverPanel.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/filter/logging/LogFilterMBean.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/ast/expr/SQLSomeExpr.java
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* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/oracle/ast/stmt/OracleUsingIndexClause.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
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* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/odps/ast/stmt/OdpsDropFunctionStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/oracle/ast/stmt/OracleCheck.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/mysql/ast/statement/MySqlDescribeStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
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* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/mysql/ast/statement/MySqlDescribeStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/mysql/ast/statement/MySqlSelectGroupBy.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/proxy/jdbc/JdbcParameter.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
  jar/com/alibaba/druid/sql/dialect/oracle/ast/stmt/OracleUsingIndexClause.java
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  jar/com/alibaba/druid/sql/dialect/mysql/ast/statement/MySqlDescribeStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
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* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
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  jar/com/alibaba/druid/sql/dialect/mysql/ast/statement/MySqlSelectGroupBy.java
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  jar/com/alibaba/druid/sql/dialect/oracle/ast/stmt/OracleCheck.java
jar/com/alibaba/druid/stat/DruidDataSourceStatManager.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/visitor/functions/Now.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-jar/com/alibaba/druid/util/HexBin.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/ast/SQLCommentHint.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/proxy/jdbc/CallableStatementProxy.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/mysql/ast/MySqlSetTransactionStatement.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/ast/statement/SQLSelectItem.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/mysql/ast/expr/MySqlExpr.java
* /opt/cola/permits/1000716027_1606872832.67/0/druid-1-0-15-sources-
jar/com/alibaba/druid/sql/dialect/oracle/ast/expr/OracleDatetimeExpr.java
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1.436 gremlin-groovy 3.2.0

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1.437 jetty-continuation 9.3.27.v20190418

1.438 netty-resolver 4.1.42.Final

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* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/InetSocketAddressResolver.java
* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/InetNameResolver.java
* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/AbstractAddressResolver.java
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* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/NoopAddressResolver.java
* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/AddressResolverGroup.java
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/ws_local/PERMITS_SQL/1072871174_1595214724.46/0/netty-resolver-4-1-42-final-sources-1-jar/io/netty/resolver/NameResolver.java

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1.439 jcl-over-slf4j 1.7.19

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* /opt/cola/permits/1136131984_1613687317.28/0/jcl-over-slf4j-1-7-19-sources-3-jar/org/apache/commons/logging/LogConfigurationException.java
* /opt/cola/permits/1136131984_1613687317.28/0/jcl-over-slf4j-1-7-19-sources-3-jar/org/apache/commons/logging/Log.java
* /opt/cola/permits/1136131984_1613687317.28/0/jcl-over-slf4j-1-7-19-sources-3-jar/org/apache/commons/logging/impl/SLF4JLog.java
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* /opt/cola/permits/1136131984_1613687317.28/0/jcl-over-slf4j-1-7-19-sources-3-jar/org/apache/commons/logging/impl/NoOpLog.java
* /opt/cola/permits/1136131984_1613687317.28/0/jcl-over-slf4j-1-7-19-sources-3-jar/org/apache/commons/logging/impl/SimpleLog.java

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## 1.440 jcip-annotation 1.0

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```html
<html>
<body>
<p>
Class, field, and method level annotations for describing thread-safety policies.
</p>

<p>
Three class-level annotations describe the <em>intended</em> thread-safety promises of a class: <code>@Immutable</code>, <code>@ThreadSafe</code>, and <code>@NotThreadSafe</code>. <code>@Immutable</code> means that the class is immutable, and implies <code>@ThreadSafe</code>. <code>@NotThreadSafe</code> is optional; if a class is not annotated as thread-safe, it should be presumed not to be thread-safe, but if you want to make it extra clear, use <code>@NotThreadSafe</code>. 
</p>

<p>
These annotations are relatively unintrusive and are beneficial to both users and maintainers. Users can see immediately whether a class is thread-safe, and maintainers can see immediately whether thread-safety guarantees must be preserved. Annotations are also useful to a third constituency: tools. Static code-analysis tools may be able to verify that the code complies with the contract indicated by the annotation, such as verifying that a class annotated with <code>@Immutable</code> actually is immutable.
</p>
</body>
</html>
```
The class-level annotations above are part of the public documentation for the class. Other aspects of a class's thread-safety strategy are entirely for maintainers and are not part of its public documentation.

Classes that use locking should document which state variables are guarded with which locks, and which locks are used to guard those variables. A common source of inadvertent non-thread-safety is when a thread-safe class consistently uses locking to guard its state, but is later modified to add either new state variables that are not adequately guarded by locking, or new methods that do not use locking properly to guard the existing state variables. Documenting which variables are guarded by which locks can help prevent both types of omissions.

The `<code>@GuardedBy(lock)</code>` annotation documents that a field or method should be accessed only with a specific lock held.

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Found in path(s):
* /opt/cola/permits/1135913176_1613629761.33/0/jcip-annotations-1-0-sources-2-jar/net/jcip/annotations/package.html

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* /opt/cola/permits/1135913176_1613629761.33/0/jcip-annotations-1-0-sources-2-
  jar/net/jcip/annotations/ThreadSafe.java
* /opt/cola/permits/1135913176_1613629761.33/0/jcip-annotations-1-0-sources-2-
  jar/net/jcip/annotations/GuardedBy.java
* /opt/cola/permits/1135913176_1613629761.33/0/jcip-annotations-1-0-sources-2-
  jar/net/jcip/annotations/Immutable.java
* /opt/cola/permits/1135913176_1613629761.33/0/jcip-annotations-1-0-sources-2-
  jar/net/jcip/annotations/NotThreadSafe.java

1.441 commons-collections 3.2.2

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1.442 minlog 1.3.0

1.443 groovy-console 2.4.6
1.444 grpc-all 0.12.0

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1.445 jersey-server 2.5.1

1.446 commons-lang3 3.9
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1.447 mgo-v2 r2016.08.01
mgo - MongoDB driver for Go

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1.448 stax-ex 1.8

1.449 nimbus-jose-jwt 4.41.3

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    import java.lang.annotation.ElementType;
    import java.lang.annotation.Retention;
    import java.lang.annotation.RetentionPolicy;
    import java.lang.annotation.Target;

    /**
     * License metadata available within the info section of a Swagger definition, see
     * https://github.com/swagger-api/swagger-spec/blob/master/versions/2.0.md#licenseObject
     *<p/>
     * @since 1.5.0
     */
@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 *
 * @return the name of the license
 */
String name();

/**
 * An optional URL for the license.
 *
 * @return an optional URL for the license.
 */
String url() default "";
}

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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,

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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
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 */

/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}</b>
 * key. </b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type {@code Comparable} to use {@link
 * ImmutableSortedMap#of(Comparable, Object)}. </b>
 */

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/collection/ImmutableSortedMapFauxverideShim.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/cache/RemovalCause.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/cache/AbstractLoadingCache.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/reflect/Types.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/cache/ForwardingLoadingCache.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/base/Ticker.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/base/Absent.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/cache/RemovalCause.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/cache/AbstractLoadingCache.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/math/MathPreconditions.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/Hashing.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/cache/RemovalListener.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collection/BoundType.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/net/HostAndPort.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collection/TreeRangeSet.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/primitives/UnsignedInteger.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/primitives/UnsignedLong.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/HashingOutputStream.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collection/AbstractSortedMultiset.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/HashFunction.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/cache/RemovalNotification.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/Murmur3_128HashFunction.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/cache/CacheLoader.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/cache/Cache.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/ForwardingExecutorService.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/hash/PrimitiveSink.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/cache/CacheStats.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/math/package-info.java
* /opt/cola/permits/110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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/*
 * This following method is a modified version of one found in
 * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/cache/Striped64.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/hash/Striped64.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/SubscriberRegistry.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/Subscriber.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/Dispatcher.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/MoreObjects.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedIterables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ForwardingSortedMultiset.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RangeSet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/GeneralRange.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/AbstractRangeSet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedIterable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableSortedMultiset.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/InterruptibleTask.java

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 */
/**
 * 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.
 */

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/TimeLimiter.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ForwardingLock.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ForwardingCondition.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/ImmutableIntArray.java

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/**
* 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.
*
* TODO(kevinb): support concurrently modified collections?
* 
* @param c the collection for which to return an array of elements
*/

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25.0-jre-sources-4.jar/com/google/common/base/CommonPattern.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25.0-jre-sources-4.jar/com/google/common/base/CommonMatcher.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25.0-jre-sources-4.jar/com/google/common/base/JdkPattern.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CharSequenceReader.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Verify.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/AbstractTable.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/FilteredMultimapValues.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/HashingInputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/Runnables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/TypeVisitor.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Defaults.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ByteStreams.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/Resources.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/Closeables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ListenableFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/package-info.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/PredecessorsFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/ImmutableNetwork.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/MutableGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/Network.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/MutableNetwork.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collect/TopKSelector.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/ImmutableGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/Graph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/graph/Graphs.java

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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.

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/opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/ImmutableSupplier.java
/opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/JdkBackedImmutableSet.java
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  jar/com/google/common/graph/BaseGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/graph/AbstractBaseGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/graph/Traverser.java
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  jar/com/google/common/graph/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/collection/ImmutableBiMapFauxverideShim.java
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  jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/collection/ImmutableRangeMap.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/reflect/ClassPath.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/reflect/Element.java
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jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
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jar/com/google/common/util/concurrent/Callables.java
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jar/com/google/common/html/HtmlEscapers.java
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jar/com/google/common/collect/MapMakerInternalMap.java
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jar/com/google/common/util/concurrent/AbstractService.java
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jar/com/google/common/io/ByteProcessor.java
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jar/com/google/common/net/UrlEscapers.java
*/
jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
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jar/com/google/common/collect/RegularImmutableTable.java
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jar/io/netty/resolver/CompositeNameResolver.java
* /opt/cola/permits/1110676446_1606843336.12/0/netty-resolver-4-1-34-final-sources-1-
jar/io/netty/resolver/AbstractAddressResolver.java
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jar/io/netty/resolver/HostsFileEntriesResolver.java
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jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
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jar/io/netty/resolver/AddressResolver.java

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* /opt/cola/permits/1110676446_1606843336.12/0/netty-resolver-4-1-34-final-sources-1-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/1110676446_1606843336.12/0/netty-resolver-4-1-34-final-sources-1-jar/io/netty/resolver/package-info.java
* /opt/cola/permits/1110676446_1606843336.12/0/netty-resolver-4-1-34-final-sources-1-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/1110676446_1606843336.12/0/netty-resolver-4-1-34-final-sources-1-jar/io/netty/resolver/NameResolver.java
* /opt/cola/permits/1110676446_1606843336.12/0/netty-resolver-4-1-34-final-sources-1-jar/io/netty/resolver/NoopAddressResolver.java

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- [Core Infrastructure Initiative](https://www.coreinfrastructure.org) - financial support towards developing the TLS API and JSSE provider that appeared in 1.56.
- Additional CertPath testing and validation data from the CertPath testing tool developed by [cryptosource GmbH](https://www.cryptosource.de) and [media Transfer AG](https://www.mtg.de) both located in Darmstadt, Germany.
- [Micro Focus](http://www.microfocus.com) - additional support towards further developing the TLS/DTLS API and the BCJSSE provider.

People

- Tito Pena &lt;Fortunato.Pena@AdNovum.CH&gt; - initial RC5 implementation
- Michael Lee &lt;yfl@mira.net&gt; - initial RC6 implementation, MD2 implementation
- Nuno Santos &lt;nsantos@student.dei.uc.pt&gt; - finding toString bug in certificate object
Brett Sealey &lt;bretts&#064;mortbay.com&gt; - fixing the missing return problem in JDKKeyFactory (affected SSLeay private keys).

Victor A. Salaman &lt;salaman&#064;teknos.com&gt; - fixing the bug in Cipher.java which caused it to ignore specified providers, fixing the bug in RSAKeyGenerator which caused keys to be occasionally produced 1 bit too small.

Eran Librach &lt;eran&#064;valicert.com&gt; - spotting and fixing the classLoader bug that occurs if javax.crypto and the provider aren't sharing the same classpath (occurs in JDK 1.3 and greater).

Jonathan Knudsen &lt;jonathan&#064;LearningPatterns.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment.

Markus Niedermann &lt;markus.niedermann&#064;softwired-inc.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment.

Mike Benham &lt;moxie&#064;thoughtcrime.org&gt; - detection and fixing of an incorrect weak key in the DES key generation support classes. Suggestions for simplifying DESedeParameter objects. Optimisations for the Blowfish engine and BufferedBlockCipher class.

Soren Hilmer &lt;hilmer&#064;mail.tele.dk&gt; - initial implementation of netscape certificate request classes.

Uwe Guenther &lt;uwe&#064;cscc.de&gt; - detection and fixing of 3 incorrect semi-weak keys in the DES key generation support classes.

Markus Bradtke &lt;mab&#064;informatik.uni-kiel.de&gt; - fixing of a logic error in the JDKKeyStore class.

Waclaw Sierek &lt;waclaw.sierek&#064;tpg.pl&gt; - fix to setOddParity in the DESParameter class. Assistance with adding ordering to X509 names for certificate generation, proper processing of byte strings in the ASN1 package, further simplifications and additional classes to improve pkcs7 support, bug fixes in CertPath API.

Ly-Na Phu &lt;lyna.phu&#064;init-consulting.de&gt; - assistance in the addition of ISO 9796-1 padding.

Stefan K&ouml;psell &lt;sk13&#064;mail.inf.tu-dresden.de&gt; - making the jdk 1.1 version of the collections API available. For further details see &lt;a href="http://sourceforge.net/projects/jcf/"&gt;http://sourceforge.net/projects/jcf/&lt;/a&gt;.

Carmen Bastiaans &lt;cbastiaa&#064;microbits.com.au&gt; - fixing the improper null pointer problem in the setting of certificates in the PKCS12 key store.

Tomas Gustavsson &lt;tomasp&#064;primekey.se&gt; - initial implementation of the AuthorityInformationAccess, SubjectKeyIdentifier, AuthorityKeyIdentifier, CRLNumber, CRLReason, CertificatePolicies, V2TBSCertListGenerator, and X509V2CRLGenerator classes in the ASN.1 library. Additions to GeneralName class, other bug fixes in the X.509 package. Initial implementation of the CertificationRequest classes. getRevocationReason() patch for OCSP. Patch to SemanticsInformation to prevent ClassCastException.

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Megan Woods &lt;meganwoods&#064;sekurafile.com&gt; - initial implementation of ECIES.

Christian Geuer-Pollmann &lt;geuerp&#064;apache.org&gt; - adding IVs to the AESWrap implementations. Initial implementation of DESedeWrap.

Michael M&#252;hle &lt;michael&#064;mouling.de&gt; - contributing the initial CertPath implementation and
compatibility classes, fixing provider bug in JDK 1.1 java.security.cert.CertificateFactory compatibility class.</li>
<li>Michael Mansell &lt;mansell064@microlens.com&gt; - fixing the parsing of the empty DER set in the
ASN.1 library.</li>
<li>Eike Recker &lt;eike.recker@064-gmx.de&gt; - fixing misspelling of provider reference for RSA/1 and
RSA/2.</li>
<li>Chris Southern &lt;CSouthern@064@baltimore.com&gt; - fixing misuse of specified provider in the PKCS10
certification request class.</li>
<li>Sidney Markowitz &lt;sidney@064@sidney.com&gt; - fixing null pointed exception on unknown OID in
X509Name class, initial implementation of the three AES engines.</li>
<li>Chris Kerr &lt;ckerr@064@filonet.ca&gt; - initial implementation of the cms, asn1.cms, and the mail/smime packages,
assistance in simplifying the ASN.1 package, miscellaneous other optimisations,
NIST CertPath certification test, PKIXPolicyNode class, CertPath subtree validation and policy tree construction.
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<li>Mike Bean &lt;mbean@064@lucentradius.com&gt; - fixing the fall through bug
in the IV algorithm parameters class.</li>
<li>Martin Petraschek &lt;m9526225@student.tuwien.ac.at&gt; - fixing ASN1
tagging so tag values up to 30 are now supported.</li>
<li>Jess Garms &lt;jgarms@yahoo.com&gt; - fixing 112/168 key size bug for
DESede key generation.</li>
<li>Mike Bremford &lt;mike@064@big.faceless.org&gt; - contributing the initial PKCS7 implementation.</li>
<li>Shankar Srinivasan &lt;s sr002@064@yahoo.com&gt; - S/Mime interoperability testing and debugging.</li>
<li>Stef Hoeben &lt;ilsestef@064@skynet.be&gt; - adding Montgomery multiplication to the BigInteger class.</li>
<li>Klaudiusz Ciosk &lt;kciosk@064@max.com.pl&gt; - improving the compatibility of
the SMIME package with the Sun JCE.</li>
<li>Thomas Houtekier &lt;Thomas.Houtekier@tectrade.net&gt; - S/Mime testing and debugging.
Interoperability with
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store.</li>
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<li>Joel Hockey &lt;joel.hockey@064@qsipayments.com&gt; - initial work on the openSSL PEM processing.</li>
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info objects without attribute blocks.</li>
<li>Justin Chapweske &lt;justin@064@chapweske.com&gt; - ordering patch for Tiger message digest.</li>
<li>John Serock &lt;js erock@064@hotmail.com&gt; - fixing null pointer exception
in constructor for ExtendedKeyUsage. Fixing of base OID bug in KeyPurposeId.
Compliance of KeyUsage extension return value with security API.</li>
<li>Sascha Weinreuter &lt;Sascha.Weinreuter@064@cit.de&gt; - fixed SMIME saveChanges() bug.</li>
<li>Andre Wehnert &lt;aw55@064@mail.inf.tu-dresden.de&gt; - fixing key schedule problem in RC5-64, fixing
buffer cleaning issue in buffered block cipher.</li>
<li>Luigi Lo Iacono &lt;lo_iacono@064@et-inf.uni-siegen.de&gt; - adding SIC
mode to the blockciphers in the provider.</li>
<li>Tim Sakach &lt;tsakach@064@certivo.net&gt; - SMIME v2 compatibility patches.</li>
<li>Marcus Povey &lt;mpovey@064@brookes.ac.uk&gt; - adding the PGP mode to the lightweight API and the
provider.<li>Sebastian Clauß &lt;sc2@inf.tu-dresden.de&gt; - adding randomness setting to the certificate and CRL generators.</li>
<li>Nicolas Bielza &lt;nicolas.bielza@064;alligacom.com&gt; - isolating the tagging bug in the ASN.1 library that was misrepresenting some ASN.1 constructed data types. Contributions to the streaming S/MIME classes.</li>
<li>Casey Marshall &lt;rdso@064;metastatic.org&gt; - fixing the clone problem with Macs in the clean room JCE.</li>
<li>Rick Zeldes &lt;rick.zeldes@064;eds.com&gt; - initial code for CMS/SMIME CompressedData.</li>
<li>Jarek Gawor &lt;gawor@064;mcs.anl.gov&gt; - fixing ASN.1 sequence unpacking in BasicConstraints constructor.</li>
<li>Brett Neumeier &lt;random@rnd.cx&gt; - patch to OriginatorIdentifierOrKey object, improvements to encoders package, introduction of UrlBase64.</li>
<li>Graham Coles &lt;graham.coles@064;retail-logic.com&gt; - patch to isParityAdjusted in DESKeySpec.</li>
<li>J&ouml;rn von Kattch&eacute;e &lt;J.Kattchee@064;seeburger.de&gt; - patch to SMIMEGenerator for preventing class cast exceptions with BodyParts containing Multipart objects.</li>
<li>Matteo Artuso &lt;matartuso@064;libero.it&gt; - picking up the possible overread in ASN1InputStream.</li>
<li>Julian Morrison &lt;julian@064;extropy.demon.co.uk&gt; - spotting the slow down in Diffie-Hellman key generation.</li>
<li>Elmar Sonnenschein &lt;es0@064;esomail.de&gt; - fix to long conversion in clean room SecureRandom.</li>
<li>Bryan Lovquist &lt;bkl@064;cpse.cmu.edu.au&gt; - Other provider compatibility fixes for CMS signing.</li>
<li>Artem Portnoy &lt;Artem_Portnoy@064;ibi.com&gt; - generalisations for CMSProcessableBodyPart in S/MIME. Header fix for mime messages.</li>
<li>Michael H&auml;usler &lt;hau@064;ponton-consulting.de&gt; - missing OID update for SHA1 with RSA Signature.</li>

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<li>Johan Seland &lt;johans@064;netfonds.no&gt; - general toString for BigInteger class.</li>
<li>Johannes Nicolai &lt;johannes.nicolai@064;novosec.com&gt; - further enhancements to OCSP response generation, fix to CertificateID issuer.</li>
<li>Marc Doberva &lt;marc.doberva@064;lex-si.com&gt; - help in isolating the JSSE/BC RSA key issue.</li>
<li>Jan Dvorak &lt;jan.dvorak@064;mathan.cz&gt; - initial implementation of the light weight Null block cipher.</li>

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<li>Joe Cohen &lt;jcohen@064;forumsys.com&gt; - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.</li>
<li>Chris Long &lt;aclong@064;ecu.edu&gt; - adding public key decoding to PEMReader.</li>
<li>Hes Siemelink &lt;hes@064;izecom.com&gt; - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.</li>
<li>Stefan Puiu &lt;stefanpuiuro@064;yahoo.com&gt; - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.</li>
<li>Kaiser Yang &lt;kaiseryang@064;yahoo.com&gt; - Finding BigInteger loop problem in prime generation.</li>
<li>Jiri Urbanec &lt;jiri.urbanec@064;logicacmg.com&gt; - patch to fix defect in DERBMPString.equals().</li>
<li>Justin Kolb &lt;jkolb@064;pristx.com&gt; - patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB input stream" exception.</li>
<li>Ralf Hauser &lt;ralfhauser@064;gmx.ch&gt; - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator, ReadOnceInputStream testing utility in MIME tests.</li>
<li>Michal Dvorak &lt;M_Dvorak@064;kb.cz&gt; - getNextUpdate patch for OCSP SingleResp.</li>
<li>Klaus Greve Fiorentini &lt;Klaus@064;cpqd.com.br&gt; - array fix in PGP PublicKeyEncSessionPacket.
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Doug &lt;ummmmm&#064myrealbox.com&gt; - addition of isEncryptionKey method to OpenPGP public keys.

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Jim Ford &lt;jim&#064muirford.com&gt; - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.

Michael Hausler &lt;hausler&#064064ponton-consulting.de&gt; - extra aliases for provider.

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Joseph Miller &lt;joseph&#064064digieweb.net.nz&gt; - addition of ZeroBytePadding.

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Jeroen van Vianen &lt;jeroen#064vanvianen.nl&gt; - the Signed and Encrypted mail example.

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Petr Dukem &lt;petrdukem&#064email.cz&gt; - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.

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Alpesh Parmar &lt;alps#064linuxmail.org&gt; - patch for class cast problem in PGPPublicKey.getSignatures().

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Nicola Scendoni &lt;nscendoni@604babelpi.it&gt; - patch to add sorting to CertPath validation.

Ville Skyttä &lt;ville.skytta@604iki.fi&gt; - patch to CRLDistPoint for cRLIssuer field. KeyStore compliance on add patches. DiffieHellman patch for provider compliance. Support for PEM object "TRUSTED CERTIFICATE". Exception handling patch in PEMReader. JavaDoc clean up.

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Miles Whiteley &lt;Miles.Whiteley@604savvis.net&gt; - "223" fix for BCPGInputStream new packets.

Albert Moliner &lt;amoliner@604eventia.com&gt; - initial TSP implementation.

Carlos Lozano &lt;carlos@604eventia.com&gt; - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.

Javier Delgadillo &lt;javi@604javii.codewarp.org&gt; - initial Mozilla PublicKeyAndChallenge classes.

Joni Hakala &lt;joni.hakala@604cern.ch&gt; - initial implementations of VOMS Attribute Certificate Validation, IfetAttrSyntax, and ObjectDigestInfo. We also wish to thank the &lt;a href="http://www.eu-egee.org"&gt;EGEE project&lt;/a&gt; for making the work available.

Rolf Schillinger &lt;rolf@604sir-wum.de&gt; - initial implementation of Attribute Certificate generation.

Sergey Bahtin &lt;Sergey_Bahtin@yahoo.com&gt; - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.

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Soren Hilmer &lt;soren.hilmer@604ti.toentor.com&gt; - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.

Steve Mitchell &lt;stevem@604intertrust.com&gt; - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.

Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.

Dirk Eisner &lt;D.Eisner@seeburger.de&gt; - initial implementation of ISO 78164-4 padding.

Julien Pasquier &lt;julienpasquier@604free.fr&gt; - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.

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Tom Pesman &lt;tom@604nux.net&gt; - addition of DES-EDE encryption for RSAPrivate keys to
PEMWriter.</li>
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<li>David M. Lee &lt;dmlee&#064Crossroads.com&gt; - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.</li>
<li>Mike Dillon &lt;md5&#064embody.org&gt; - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.</li>
<li>tu-vi cung &lt;t2cung&#064364hotmail.com&gt; - patch for out of bounds problem in getDecoderStream method.</li>
<li>Chris Schultz &lt;cschultz&#064gmail.com&gt; - fix for InputStream constructor for X509V2AttributeCertificate.</li>
<li>David M. Lee &lt;dmlee&#064Crossroads.com&gt; - implementation assistance with streaming CMS classes.</li>
<li>Joel Rees &lt;rees&#064ddcom.co.jp&gt; - fix to correct getOID methods from returning same set on X.509 attribute certificates.</li>
<li>Francesc Sau &lt;francesc.sau&#064partners.netfocus.es&gt; - micro fix for tsp Accuracy class.</li>
<li>Larry Bugbee &lt;lbugbee&#064364mac.com&gt; - initial ECNR implementation.</li>
<li>Remi Blancher &lt;Remi.Blancher&#064keynectis.com&gt; - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.</li>
<li>Brian O'Rourke &lt;bianorourke&#064gmail.com&gt; - patch for signature creation time override in OpenPGP.</li>
<li>Andreas Schwier &lt;andreas.schwier&#064cardcontact.de&gt; - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.</li>
<li>Lawrence Tan &lt;lwrnctan&#064gmail.com&gt; - Large field OID sample test data. Missing key types in JDKKeyFactory.</li>
<li>Carlos Valiente &lt;superdupont&#064gmail.com&gt; - Addition of CRL writing to the PEMWriter class.</li>
<li>Keyon AG, Martin Christianat, &lt;a href="http://www.keyon.ch">http://www.keyon.ch</a&gt; - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.</li>
<li>Olaf Keller, &lt;olaf.keller.bc&lt;olaf.keller.bluewin.ch&gt;&lt;olafbluewin.ch&gt; - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.</li>
<li>J&ouml;rger Eichhorn &lt;eichhorn&#064364ponton-consulting.de&gt; - patch to fix EOF read on SharedFileStream support for F2m compression.</li>
<li>Karsten Ohme &lt;widerstand&#064online.de&gt; - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes.
for Printable, IA5, and Numeric Strings. Fix for RFC 5280 NameConstraint checking for RDNs.</li>
Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.</li>
<li>Carlos Lozano Ruiz &lt;carlos@tradise.com&gt; - patch for &amp;amp;#038;only handling in CRLFileOutputStream.</li>
<li>John Alfred Prufrock &lt;j.a.prufrock@64gmail.com&gt; - mods to GOST-3411 and MD2 to support ExtendedDigest.</li>
<li>Stefan Neusatz Guilhen &lt;stneusatz@64gmail.com&gt; - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.</li>
<li>Marzio Lo Giudice &lt;marzio.logiudice@64gmail.com&gt; - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.</li>
<li>Georg Lippold &lt;georg.lippold@64gmx.de&gt; - initial implementation of NaccacheStern cipher.</li>
<li>Chris Viles &lt;chris_viles@64yahoo.com&gt; - fix to SignatureSubpacket critical bit setting.</li>
<li>Pasi Eronen &lt;pasi.eronen@64nokia.com&gt; - extra toString() support for ASN.1 library. Initial patch for large OID components.</li>
<li>Maria Ivanova &lt;maria.ivanova@64gmail.com&gt; - support for tags &gt; 30 in ASN.1 parsing.</li>
<li>Armin H&auml;berling &lt;arminha@student.ethz.ch&gt; - first cut of internationalisation, initial PKIX validation classes.</li>
<li>Marius Schilder &lt;mschilder@64google.com&gt; - main set of test vectors for Bleichenbacher's forgery attack.</li>
<li>Xavier Le Vouch &lt;xavier@64brittanysoftware.com&gt; - general code clean ups.</li>
<li>Erik Tews &lt;e_tews@64cde.informatik.tu-darmstadt.de&gt; - initial threaded random seed generator, constant-time PKCS#1.5 decoding.</li>
<li>Thomas Dixon &lt;treikomusha@64gmail.com&gt; - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.</li>
<li>Frank Cornelis &lt;info@64frankcornelis.be&gt; - addition of crlAccessMethod in X509ObjectIdentifiers.</li>
<li>Rui Joaquim &lt;rjoaquim@64cc.isel.ipl.pt&gt; - initial implementation of RSA blinding for signatures.</li>
<li>David Stacey &lt;DStacey@64allantgroup.com&gt; - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.</li>
<li>Martijn Brinkers &lt;list@64mitm.nl&gt; - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.</li>
<li>Julius Davies &lt;juilusdavies@64gmail.com&gt; - additional modes and algorithm support in PEMReader.</li>
<li>Matthias &lt;g@64gmail.de&gt; - GnuPG compatibility changes for PBEFileProcessor.</li>
<li>Olga K&amp;amp;uuml;thler &lt;olga.kaethler@64hjp-consulting.com&gt; - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.</li>
<li>Germano Rizzo &lt;germano.rizzo@64gmail.com&gt; - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.
Núria Marí &lt;numaa@hotmail.com&gt; - patch for alternate data type recognition in CMSSignedDataParser.

Janis Schuller &lt;js@#064tzi.de&gt; - addition of NotationData packets for OpenPGP.

Michael Samblanet &lt;mike@#064samblanet.com&gt; - patches towards improved Sun/default provider support in CMS.

Mike StJohns &lt;msjohns@#064comcast.net&gt; - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId.

Ramon Keller &lt;ramon.keller@#064gmx.ch&gt; - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.

Mark Nelson &lt;mark@#064nbr.com&gt; - correction to excluded DN in name constraints processing for PKIX processing.

Eugene Golushkov &lt;eugene_gff@#064ukr.net&gt; - mask fix to single byte read in TlsInputStream.

Julien Pasquier &lt;julienpasquier@#064free.fr&gt; - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.

Peter Knopp &lt;tpknopp@#064mtg.de&gt; - fix for named curve recognition in ECGOST key generation.

Jakub Gwozd &lt;gwozdziau@#064rgpl.pl&gt; - addition of getTsa() to TimeStampTokenInfo.

Bartosz Malkowski &lt;bmalkow@#064tigase.org&gt; - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.

Tal Yacobi &lt;tal.yacobi@octavian-tech.com&gt; - fix for issue in OpenPGP examples [#BJA-55].

Massimiliano Ziccardi &lt;massimiliano.ziccardi@#064gmail.com&gt; - support for counter signature reading in CMS API, update for multiple counter signature attributes, JCA compliance patch for PEM parsing in CertificateFactory.

Andrey Pavlenko &lt;andrey.a.pavlenko@#064gmail.com&gt; - security manager patch for PKCS1Encoding property check.

J Ross Nicoll &lt;jrn@#064jrn.me.uk&gt; - improved exception handling for getInstance() in ASN.1 library.

Matthew Stevenson &lt;mavricknz@#064yahoo.com&gt; - patch to constructor for CRMF CertSequence.

Gabriele Contini &lt;gcontini@#064hotpop.com&gt; - identified a bug in ASN.1 library with handling of unterminated NDEFs.

Roeilo Naude &lt;roeilo.naude@#064epiuse.com&gt; - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.

Patrick Peck &lt;peck@#064signature.at&gt; - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.

Michael LeMay &lt;lemaymd@#064lemaymd.com&gt; - identified problem with EAX [#BJA-93].

Alex Dupre &lt;ale@#064FreeBSD.org&gt; - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102].

Michael Schoene &lt;michael@#064sigid-und-michael.de&gt; - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().

Ion Larrañaga &lt;ilarra@#064s21sec.com&gt; - fix to default partial packet generation in BCPGOutputStream.

Bob Kerns &lt;bob.kerns@positscience.com&gt; - fix to hashCode for X509CertificateObject.

Stefan Meyer &lt;stefan.meyer@#064ewe.de&gt; - backport for PKIXCertPathValidator and SMIMESignedMailReviewer.

Robert J. Moore &lt;Robert.J.Moore@#064allanbank.com&gt; - speedups for OpenPGPCFB mode, clean room JCE patches.

Rui Hodai &lt;rui@#064po.ntts.co.jp&gt; - speed ups for Camellia implementation, CamelliaLightEngine.
<li>Emir Bucalovic &lt;emir.bucalovic@064mail.com&gt; initial implementation of Grain-v1 and Grain-128.</li>
<li>Torbjorn Svensson &lt;tobbe79@064gmail.com&gt; initial implementation of Grain-v1 and Grain-128.</li>
<li>Paul FitzPatrick &lt;bouncycastle_pfitz@064fitzpatrick.cc&gt; error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.</li>
<li>Henrik Andersson &lt;k.henrik.andersson@064gmail.com&gt; addition of UniqueIssuerID to certificate generation.</li>
<li>Cagdas Cirit &lt;cagdascirit@064gmail.com&gt; subjectAlternativeName fix for x509CertStoreSelector.</li>
<li>Harakiri &lt;harakiri_23@064yahoo.com&gt; datahandler patch for attached parts in SMIME signatures.</li>
<li>Paul FitzPatrick &lt;bouncycastle_pfitz@064gmail.com&gt; explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.</li>
<li>Lothar Kinneringer &lt;ljob064kinneringer.de&gt; verbose mode for ASN1Dump, support for DEREternal, DNS performance fix for S/MIME API.</li>
<li>Richard Farr &lt;rfarr.se@064gmail.com&gt; initial SRP-6a implementation.</li>
<li>Thomas Castiglione &lt;castiglione@064au.ibm.com&gt; patch to encoding for CRMF OptionalValidity.</li>
<li>Elisabetta Romani &lt;eromani@064sogei.it&gt; patch for recognising multiple counter signatures.</li>
<li>Robin Lundgren &lt;r737lundgren@064gmail.com&gt; CMPCertificate constructor from X509CertificateStructure fix.</li>
<li>Petra Kadlec &lt;mormegil@064centrum.cz&gt; fix to sign extension key and IV problem in HC-128, HC-256.</li>
<li>Andreas Antener &lt;antener_a@064gmail.ch&gt; fix to buffer reset in AsymmetricBufferedBlockCipher.</li>
<li>Harendra Rawat &lt;hsrawat@064yahoo.com&gt; fix for BERConstructedOctetString.</li>
<li>Rolf Lindemann &lt;rolf.lindemann@064trustcenter.de&gt; patch for PKCS12 key store to support more flexible attribute specifications [IBMA-42].</li>
<li>Alex Artamonov &lt;alexart.home@064gmail.com&gt; name lookup patch for GOST-2001 parameters.</li>
<li>Mike Lyons &lt;mlyons@064layer7tech.com&gt; work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.</li>
<li>Chris Cole &lt;chris_h_cole@064yahoo.com&gt; identified a problem handling null passwords when loading a BKS keystore.</li>
<li>Tomas Krivanek &lt;tom@064atack.cz&gt; added checking of Sender header to SignedMailValidator.</li>
<li>Michael &lt;emfau@064t-online.de&gt; correction of field error in getResponse method in CertRepMessage.</li>
<li>Trevor Perrin &lt;trevor@064cryptography.com&gt; addition of constant time equals to avoid possible timing attacks.</li>
<li>Markus Kiläkrings &lt;markus@064primekey.se&gt; several enhancements to TimeStampResponseGenerator.</li>
<li>Dario Novakovic &lt;daronis@064yahoo.com&gt; fix for NPE when checking revocation reason on CRL without extensions.</li>
<li>Michael Smith &lt;msmith@064cbnco.com&gt; bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.</li>
<li>Andrea Zilio &lt;andrea.zilio@064gmail.com&gt; fix for PEM password encryption of private keys.</li>
<li>Alex Birkett &lt;alex@064birkett.co.uk&gt; added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].</li>
<li>Wayne Grant &lt;waynedgrant@064gmail.com&gt; additional OIDs for PKCS10 and certificate generation support.</li>
<li>Frank Cornelis &lt;info@064frankcornelis.be&gt; additional support classes for CAdES, enhancements to OCSP classes.</li>
<li>Jan Ditthberner &lt;jan@064ditthberner.info&gt; addHeader patch for SMIME generator.</li>
<li>Bob McGowan &lt;boab.mcgoo@064bitinternet.com&gt; patch to support different object and mgf digests in
PSS signing.</li>
<li>Ivo Matheis &lt;i.matheis&#064seeburger.de&gt; fix to padding verification in ISO-9796-1.</li>
<li>Marco Sandrini &lt;messche&#064gmail.com&gt; patch to add IV to ISO9797Alg3Mac.</li>
<li>Alf Malf &lt;alfilmalf&#064hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.</li>
<li>Alfonso Massa &lt;alfonso.massa&#064insiel.it&gt; contributions to CMS time stamp classes.</li>
<li>Giacomo Boccardo &lt;gboccardo&#064unimaticaspa.it&gt; initial work on CMSTimeStampedDataParser.</li>
<li>Arnis Tartu &lt;arnis&#064ut.ee&gt; patches for dealing with OIDs with specific key sizes associated in CMS.</li>
<li>Janusz Sikociski &lt;j.Sikocinski&#064064gdzie.pl&gt; addition of Features subpacket support to OpenPGP API.</li>
<li>Juri Hudolejev &lt;jhudolejev&#064gmail.com&gt; JavaDoc fix to CMSSignedDataParser.</li>
<li>Marco Sandrini &lt;nessche&#064gmail.com&gt; patch to add IV to ISO9797Alg3Mac.</li>
<li>Giacomo Boccardo &lt;gboccardo&#064unimaticaspa.it&gt; initial work on CMSTimeStampedDataParser.</li>
<li>Liane Velten &lt;liane.velten&#064064hpj-consulting.com&gt; fine tuning of code for DHParameters validation.</li>
<li>Shawn Willden &lt;swillden&#064google.com&gt; additional functionality to PGPKeyRing.</li>
<li>Atanas Krachev &lt;akrachev&#064gmail.com&gt; added support for revocation signatures in OpenPGP.</li>
<li>Mickael Laiking &lt;mickael.laiking&#064keynectis.com&gt; initial cut of EAC classes.</li>
<li>Tim Buktu &lt;tbuktu&#064gmail.com&gt; Initial implementation of NTRU signing and encryption.</li>
<li>Bernd &lt;rbernd&#064gmail.com&gt; Fix for open of PGP literal data stream with UTF-8 naming.</li>
<li>Steing Inge Morisbak &lt;stein.inge.morisbak&#064064BEKK.no&gt; Test code for lower case Hex data in PEM headers.</li>
<li>Andreas Schmid &lt;andreas.schmid&#064064tngetech.com&gt; Additional expiry time check in PGPPublicKeys.</li>
<li>Phil Steitz &lt;phil.steitz&#064gmail.com&gt; Final patch eliminating JCE dependencies in the OpenPGP BC classes.</li>
<li>Petar Petrov &lt;p.petrov&#064bers-soft.com&gt; Testing and debugging of UTF-8 OpenPGP passwords.</li>
<li>Daniel Fitzpatrick &lt;daniel.f.nwr&#064gmail.com&gt; Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.</li>
<li>Andy Neilson &lt;Andy.Neilson&#064quest.com&gt;a further patches to deal with multiple providers and PEMReader.</li>
<li>Ted Shaw &lt;ted.shaw&#064gmail.com&gt; patch to MiscPEMGenerator for handling new PKCS10CertificationRequests.</li>
<li>Eleriseth &lt;Eleriseth&#064WPECGLtYbViiRi67VzI2Lvd2EUVW99y3yNV3IWRoG8.fms&gt; speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations.</li>
<li>Kenny Root &lt;kenny&#064064the-b.org&gt; patch for issuerAltName, subjectAltName support in X509CertificateObject. BaseBlockCipher.getIV() patch for AEAD.</li>
<li>Maarten Bodewes &lt;maarten.bodewes&#064gmail.com&gt; initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.</li>
<li>Philip Clay &lt;phil_clay&#064yahoo.com&gt; Initial implementation of J-PAKE.</li>
<li>Brian Carlstrom &lt;bc&amp;#064carlstrom.com&gt; compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.</li>
<li>Samuel Lidkeacutecnorell &lt;samuel&#064primekey.se&gt; patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder</li>
<li>Sergio Demian Lerner &lt;sergiolerner&#064certimix.com&gt; pointing out isInfinity issue in ECDSASigner
signature verification.</li>

<li>Tim Whittington &lt;Tim.Whittington@orionhealth.com&gt; patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Nokeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDCrypt, PGP API documentation and code quality work.</li>

<li>Marcus Lundblad &lt;marcus.lundblad@primekey.se&gt; patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.</li>

<li>Andrey Zhozhin &lt;zhozhin@yandex.ru&gt; patch for override of TSP SignerInfo attributes.</li>

<li>Sergey Tiunov &lt;tiunov555@gmail.com&gt; initial cut of DVCS classes.</li>

<li>Damian Kolasa &lt;fatfreddy@064gmail.com&gt; ASN1Sequence patch for class cast issue in X9Curve.</li>

<li>Ash Hughes &lt;ashley.hughes@064blueyonder.co.uk&gt; patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().</li>

<li>Daniel Hirscher &lt;dev@daniel-hirscher.de&gt; patch to support parsing of explicit EC parameters in PEM files.</li>

<li>Daniele Ricci &lt;ricci.atome@gmail.com&gt; initial implementation of EC keys for OpenPGP and RFC6637 support.</li>

<li>Matti Aarnio &lt;matti.aarnio@064mectics.fi&gt; tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes, addition of NONEwithRSA to lightweight RSADigestSigner.</li>

<li>Babak Najafi &lt;bnajafi@064akamai.com&gt; fixes to OpenPGP NotationData to prevent truncation problems.</li>

<li>Eric M&amp;uuml;ller &lt;eric.mueller@064sage.de&gt; additional standard algorithm name lookups in JcaPEMKeyConverter.</li>

<li>Mathias Herberts &lt;Mathias.Herberts@064gmail.com&gt; fix to inOff usage in RFC3394WrapEngine.</li>

<li>Daniil Ivanov &lt;daniil.ivanov@064gmail.com&gt; addition of provider support for GOST HMAC SecretKeyFactory.</li>

<li>Daniele Grasso &lt;daniele.grasso86@064gmail.com&gt; contributions to final Key calculation code for SRP6.</li>

<li>Andrey Utkin &lt;cindrhc@064gmail.com&gt; patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.</li>

<li>Arnis Tartu &lt;arnis@064ut.ee&gt; checker for generated key vs OID in JceCMSContentEncryptorBuilder.</li>

<li>AxelVDB &lt;axel-vdb@riseup.net&gt; initial implementation of Shacal2.</li>

<li>Roberto Tyley &lt;roberto.tyley@gmail.com&gt; further work on completing gradle build.</li>

<li>Waldemar Dick &lt;wdiick@064devmue.de&gt; code improvement in x500 ASN.1 package.</li>

<li>Sid Steward &lt;sid.steward@064pdflabs.com&gt; code improvements to ASN1Boolean.</li>

<li>Alex Klyubin &lt;klyubin@064google.com&gt; AlgorithmParameters check for EC key agreement.</li>

<li>Jonathan Gillett &lt;gsoc.student@064gmail.com&gt; Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.</li>

<li>Andreas Reiter &lt;andreas.reiter@064iaik.tugraz.at&gt; Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.</li>
Kieran Miller &lt;kieran.miller#064gmail.com&gt; initial implementation for RFC 5649 key wrap with padding.

Oliver Ehli &lt;ehli#064arago.de&gt; Additional support for BSI plain ECDSA in the provider.

Daniel Heldt &lt;Daniel.Heldt#064cryptovision.com&gt; Initial support for encodable state message digests.

Robert Bushman &lt;bouncycastle#064traxel.com&gt; Clean up of DirectKeySignature example.

Maurice Aarts &lt;aarts#064riscure.com&gt; updated to KDF generator to follow NIST SP 800-108.

Franziskus Kiefer &lt;https://github.com/franziskuskiefer&gt; initial implementation of Cramer-Shoup.

KB Sirram &lt;mail_kb#064yahoo.com&gt; testing for odd encodings for PGP User Attribute Subpackets.

Marco Schulze &lt;marco#064nightlabs.de&gt; Reported verification bug in GenericSigner.

Martin Schaefer &lt;https://github.com/martinschaefer&gt; contributed a code-cleanup patch.

dstutz &lt;https://github.com/dstutz&gt; added iteration count setters to PKCS#12 PBE mac/key generator builders.

Tobias Wich &lt; tobias.wich#064ecsec.de&gt; Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.

Hauke Mehrtens &lt;hauke#064hauke-m.de&gt; TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.

Daniel Zimmerman &lt;dmz#064galois.com&gt; Further key quality improvements to RSAKeyPairGenerator.

Jens Kapitza &lt;j.kapitza#064schwarze-allianz.de&gt; Iterable support in OpenPGP API, code cleanup in OpenPGP API.

Johan Eklund &lt; johan#064primekey.se&gt; update to RFC 6960 for OCSPObjectIdentifiers.

nikosn &lt;https://github.com/nikosn&gt; Fix to encoding of EC private keys to ensure encoding matches order length.

Axel von dem Bruch &lt;axel-vdb#064riseup.net&gt; Contributions to BCrypt/OpenBSDCrypt, original version of Blake2bDigest.

Derek Atkins &lt;derek#064ihtfp.com&gt; Documentation fixes to X9ObjectIdentifiers.

Peter Jr Halicky &lt; peto#064halicky.sk&gt; Correction to notification/error message handling in SignedMailValidator.

lartiguePierre &lt;https://github.com/lartiguePierre&gt; Fix for counter signature SID in CMSignedData.

Thomas Belot &lt; thomas.belot+BC#064gmail.com&gt; initial CertPathLoopTest for demonstrating stack overflow issue.

Rich DiCroce &lt;https://github.com/rdcroce&gt; Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.

Björn Kautler &lt;https://github.com/Vampire&gt; Refinements to cert path validation (authority key addition, certificate order preservation).

Dominik Schuermann &lt;https://github.com/dschuermann&gt; method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in GPGSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.

Michael &lt;MSKnete#064web.de&gt; initial fix for bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.

Tobias Wagner &lt; tobias.wagner#064n-design.de&gt; Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].

Sergio Giro &lt;sgiro#064google.com&gt; Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.

bschuette &lt;https://github.com/bschuette&gt; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder,
additional methods on CMSSignedDataParser.&lt;/li&gt;
&lt;li&gt;Leonard Dallot &lt;https://github.com/dallotTazTag&gt;: Fix to S2K usage of none on changing passwords on keys without passwords originally.&lt;/li&gt;
&lt;li&gt;Jan Willem Janssen &lt;j.w.janssen+bouncycastle@#064lxextreme.nl&gt;: Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.&lt;/li&gt;
&lt;li&gt;Sebastian Oerding &lt;sebastian.oerding@robotron.de&gt;: Fixes to toString() in x509.CertificatePolicies.&lt;/li&gt;
&lt;li&gt;Kai Kramer &lt;kai.kramer@#064gmail.com&gt;: Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.&lt;/li&gt;
&lt;li&gt;Benoit Charles &lt;https://github.com/dallotTazTag&gt;: Fix for IES data length check on decryption.&lt;/li&gt;
&lt;li&gt;Niko &lt;nfink95@#064gmail.com&gt;: fix to cast issue in getOutputSize() for ECIES.&lt;/li&gt;
&lt;li&gt;akwizgran &lt;https://github.com/akwizgran&gt;: Fixed clone of key in Blake2bDgest copy constructor, blake2b reset issue for variant keys.&lt;/li&gt;
&lt;li&gt;Matthias Edelhoff &lt;Matthias.Edelhoff@#064cryptovision.com&gt;: BasicConstraintsValidation pathlen fix in PKIX certpath classes.&lt;/li&gt;
&lt;li&gt;Lukasz Deputat &lt;lukasz.deputat@#064gmail.com&gt;: Fixed bugs in TlsUtils read methods [#BJA-592].&lt;/li&gt;
&lt;li&gt;Justin Ludwig &lt;https://github.com/justinludwig&gt;: Iterator fix for PGObjectFactory to handle stream packets at start of iterated data.&lt;/li&gt;
&lt;li&gt;Andr&eacute;acute; Berenguel &lt;https://github.com/abeneguel&gt;: Fix to include ECNamedCurve spec in EC AlgorithmParameterSpi.&lt;/li&gt;
&lt;li&gt;Slawomir Jaranowski &lt;https://github.com/slawekjaranowski&gt;: Patch to make cipher/hash/signature name methods in PGP internal API public.&lt;/li&gt;
&lt;li&gt;Andrey Vasilyev &lt;https://github.com/andrey-vasilyev&gt;: Initial implementation of GOST R 34.11-2012.&lt;/li&gt;
&lt;li&gt;William Glanton &lt;wglanton77@#064gmail.com&gt;: Fixed bug in Poly1305 [#BJA-620].&lt;/li&gt;
&lt;li&gt;jdvorak001 &lt;https://github.com/jdvorak001&gt;: Speed improvements for ASN.1 ObjectIdentifier cache.&lt;/li&gt;
&lt;li&gt;Joseph Naegle &lt;jnaegle@#064grierforensics.com&gt;: Patch for handling multiple certificates in a DANE SMIMEA entry.&lt;/li&gt;
&lt;li&gt;Andrew Bonventre &lt;https://github.com/andybons&gt;: NullPointer patch for WNafUtil.&lt;/li&gt;
&lt;li&gt;The Google Security Team (Project WycheProof) &lt;https://github.com/google/wycheproof&gt;: defect analysis and additional test cases for the provider.&lt;/li&gt;
&lt;li&gt;Gorka Irazoqui &lt;girazoki@#064wpi.edu&gt;: from Intel Security Center of Excellence &lt;https://security-center.intel.com&gt;: detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.&lt;/li&gt;
&lt;li&gt;Joerg Senekowitsch &lt;joerg.senekowitsch@#064veridos.com&gt;: patch to deal with hard coded boolean in EAC ECDSA Public Key.&lt;/li&gt;
&lt;li&gt;Alexandr Krivoshta &lt;wipe@#064ya.ru&gt;: N4 calculation fix to GOFB mode.&lt;/li&gt;
&lt;li&gt;Artem Storozhuk &lt;storojis72@#064gmail.com&gt;: N4 calculation fix to GOFB mode.&lt;/li&gt;
&lt;li&gt;Na Yu &lt;na.yu@#064samsung.com&gt;: Constructor patches to CMC PKIData.&lt;/li&gt;
&lt;li&gt;Evangelos Karatsiolis &lt;ekaratsiolis@#064mtg.de&gt;: Corrected use of explicit tagging in X.509 PolicyConstraints class.&lt;/li&gt;
&lt;li&gt;VivleSoren &lt;https://github.com/VivleSoren&gt;: additional constructor for McElieceCCA2PrivateKeyParameters.&lt;/li&gt;
&lt;li&gt;mtausig &lt;https://github.com/mtausig&gt;: JavaDoc fix for MCSEncryptedDataGenerator.&lt;/li&gt;
&lt;li&gt;Anders Schack-Mulligen &lt;https://github.com/aschackmull&gt;: code cleanups for CMSSignedDataParser, BrokenKDF2BytesGenerator.&lt;/li&gt;
&lt;li&gt;Sebastian Wolfgang Roland &lt;sebastianwolfgang.roland@#064stud.tu-darmstadt.de&gt;: Initial XMSS/XMSS-MT implementation.&lt;/li&gt;
&lt;li&gt;didisoft &lt;https://github.com/didisoft&gt;: test code for PGP signature removal involving user ids.&lt;/li&gt;
Mike Safonov &lt;https://github.com/MikeSafonov&gt;: initial implementation of GOST3410-2012 for lightweight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.

Artem Storozhuk &lt;https://github.com/ArtemStorozhuk&gt;: initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.

Andreas Glaser &lt;https://github.com/AndreasGlaser&gt;: patch to recognise ANSSI curves for PKCS#10 requests.

codeborne &lt;https://github.com/codeborne&gt;: patch to correct OIDs used in public key digest parameters for ECGOST-2012.

FauxFaux &lt;https://github.com/FauxFaux&gt;: patch for JDK 1.9 update to DRBG.java.

4garbage &lt;https://github.com/4garbage&gt;: patch to allow GOST3410-94 private keys encoded as integers.

ekat &lt;https://github.com/eckszz&gt;: corrections to SM2 signer to include default identity value.

jminer &lt;https://github.com/jminer&gt;: fix to Blake2b for hashes in range of 2**64-127 to 2**64.

str4d &lt;https://github.com/str4d&gt;: initial implementation of Blake2s.

Scott Woodward &lt;https://github.com/scott-76&gt;: performance fixes for CTRSP800DRBG.

David Strawn &lt;https://github.com/davidstrawn&gt;: fix for off by one error in SCRYPT bounds checking.

chris mccown &lt;https://github.com/chrismccown&gt;: identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).

ZZMarquis &lt;https://github.com/ZZMarquis&gt;: offset patches for SM2 encryption and decryption, improvement to Array constant time comparison.

Andreas Kretschmer &lt;https://github.com/Akretsch&gt;: NPE fix for CertTemplate.getVersion().

Armin Lunkeit, Michael Tautenhahn &lt;https://github.com/ArminLunkeit&gt;: identification of M-R test issue on higher certainty values in RSA key pair generation.

Vincent Breitmoser &lt;https://github.com/Valodim&gt;: fix to ignore unnecessary checksum calculator on PGP secret key encryption.

Adam Vartanian &lt;https://github.com/flooey&gt;: use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().

Bernd &lt;https://github.com/ecki&gt;: Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.

Shartung &lt;https://github.com/shartung&gt;: Additional EC Key Agreement algorithms in support of German BSI TR-03111.

Paul Schaub &lt;https://github.com/paulschaub&gt;: bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.

Nick of Nexxar &lt;https://github.com/nickofnexxar&gt;: update to OpenPGP package to handle a broader range of EC curves.

catbref &lt;https://github.com/catbref&gt;: simple implementation of RFC 7748/Ed25519 (incorporated work from github users Valdim and str4d as well).

gerlion &lt;https://github.com/gerlion&gt;: detection of concurrency issue with pre-1.60 EC math library.

fgrieu &lt;https://github.com/fgrieu&gt;: identification and suggested fixes for possible timing vulnerability in OAEP Encoding and RSA CoreEngine.

MTG &lt;https://github.com/mtg&gt;: patch for decoding issues in PKI Publication Info and Certified Key Pair.

Andreas Gadermaier &lt;https://github.com/AndreasGadermaier&gt;: initial version of Argon2 PBKDF algorithm.

Tony Washer &lt;https://github.com/tonywasher&gt;: review of qTesla, Java 1.9 module code, additional test code and debugging for GOST, DSTU, and ECNR algorithms. Initial lightweight implementation of the ZUC ciphers and macs.
Vincent Bouckaert &lt;https://github.com/veebee&gt; initial version of RFC 4998 ASN.1 classes.


Gabriel Sroka &lt;https://github.com/gabrielsroka&gt; corrected comments in RSA validation.

Sarahe-mdv &lt;https://github.com/sarah-mdv&gt; improvements to JceKeyTransRecipientInfoGenerator, tests for JournalingSecureRandom, initial implementation of JournaledAlgorithm.

Jesse Feinman &lt;https://github.com/jessefeinman&gt; performance optimisation in RSAKeyParameters.

Gilis95 &lt;https://github.com/Gilikis95&gt; improved JSSE compatibility for setEnabledCipherSuites.

Haemin Yoo &lt;https://github.com/yoohaemin&gt; Javadoc fixes.

Antoine Toulme &lt;https://github.com/atoulme&gt; Initial implementation of EthereumISEEngine.

Golden Loopy &lt;https://github.com/loopy&gt; Patch for addition of C1C3C2 mode to SM2Engine.

Moses Palm&eacute;r, TrueSec &lt;Henrik.Palmer@truesec.se&gt; Additional improvements to constant time comparisons.

Ren&eacute;korthaus &lt;https://github.com/securitykernel&gt; Update to XMSS/XMSS^MT OID values to bring them in line with RFC 8391.

THausherr &lt;https://github.com/THausherr&gt; Addition generic support for CMS/TSP functions.

Gaylor Bosson &lt;https://github.com/Gilthoniel&gt; Initial implementation of Blake2xs.

gaelalaire &lt;https://github.com/gaelalaire&gt; Patch for unprotected PGP private keys as SExpr.

im-scooter &lt;https://github.com/im-scooter&gt; Patch for case-insensitive behaviour of Param-Z.

Nick hitchan &lt;https://github.com/hitchan&gt; Fix for typo in engineInitSign() in EdEc SignatureSpi.

dbusche &lt;https://github.com/dbusche&gt; Argon2 optimisations.

Daniel Heldt &lt;https://github.com/dheldt&gt; Fixing encodings in unicode tests to allow a wider range of Java compilers to work. Tweaked to inheritance in JceKeyAgreeRecipient.

Ugochukwu Mmaduekwe &lt;https://github.com/Xor-el&gt; Fix for initially bugged legacy Integers.numberOfLeadingZeros method.

Gsealy &lt;https://github.com/Gsealy&gt; addition of PBKDF2withHmacSM3 to the provider.

aphuang2013 &lt;https://github.com/aphuang2013&gt; update to path validation in EST service for ClearPath EST.

Kevin Herron &lt;https://github.com/kevinherron&gt; Initial ChaCha20Poly1305 prototype.

vkreml &lt;https://github.com/svkreml&gt; GOST compliance change for DefaultCMSSignatureEncryptionAlgorithmFinder.

Tobias Osbelt &lt;https://github.com/#064pentagrid.ch&gt; Identification of 1.63 regression in ASN.1 parsing.

1.479 rank-eval-client 7.0.0

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1.480 jackson-dataformat-yaml 2.10.1

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1.481 netty-transport-native-unix-common

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- `/opt/cola/permits/1136447680_1613767071.02/0/bson-3-12-4-sources-2-jar/org/bson/codecs/jsr310/InstantCodec.java`
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* /opt/cola/permits/1136447680_1613767071.02/0/bson-3-12-4-sources-2-jar/org/bson/codecs/pojo/ConventionObjectIdGeneratorsImpl.java
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* /opt/cola/permits/1136447680_1613767071.02/0/bson-3-12-4-sources-2-jar/org/bson/json/ShellDecimal128Converter.java
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1.500 commons-lang3 3.9

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1.503 reactor-core 3.3.5.RELEASE

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* /opt/ws_local/PERMITS_SQL/1068232327_1594323982.19/0/reactor-core-3-3-5-release-sources-1-jar/reactor/core/publisher/FluxIndexFuseable.java
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reactor.core.scheduler.ReactorBlockHoundIntegration

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1.504 json-path 2.4.0

1.505 zookeeper 3.4.11
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1.512 proto-google-common-protos 1.0.0

1.513 jackson-jaxrs 2.9.10

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1.527 google-oauth-client 1.20.0

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1.528 chronicle-queue 5.17.11

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* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-jar/net/openhft/chronicle/queue/ChronicleHistoryReaderMain.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-jar/net/openhft/chronicle/queue/ChronicleReaderMain.java
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  jar/net/openhft/chronicle/queue/service/ServiceWrapperBuilder.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/JDBCResult.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/JDBCService.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/ServiceWrapperBuilder.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/JDBCResult.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/JDBCService.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/ServiceWrapperBuilder.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/JDBCResult.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/JDBCService.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-
  jar/net/openhft/chronicle/queue/ServiceWrapperBuilder.java
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* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-jar/net/openhft/chronicle/queue/impl/single/TSQueueLock.java
* /opt/cola/permits/1103764629_1604346157.42/0/chronicle-queue-5-17-11-sources-jar/net/openhft/chronicle/queue/impl/single/NoopQueueLock.java

1.529 mime-pull 1.9.3

1.530 antlr-runtime 4.7

1.531 javax-inject 1
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 */

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 */

/**
 * Set the { @code TCP_MD5SIG} option on the socket. See { @code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */

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* /opt/ws_local/PERMITS_SQL/1072871039_1595214875.08/0/netty-transport-native-epoll-4-1-42-final-sources-1-
jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java

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jar/netty_epoll_linuxsocket.h
1.541 jackson-dataformat-xml 2.10.4

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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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* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/BlockingEventLoop.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/VanillaEventLoop.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/MonitorEventLoop.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/Threads.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/EventGroup.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-jar/net/openhft/chronicle/threads/TimedEventHandler.java
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jar/net/openhft/chronicle/threads/YieldingPauser.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-
jar/net/openhft/chronicle/threads/MilliPauser.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-
jar/net/openhft/chronicle/threads/LightPauser.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-
jar/net/openhft/chronicle/threads/TimeoutPauser.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-
jar/net/openhft/chronicle/threads/Pauser.java
* /opt/cola/permits/1103764608_1604346155.42/0/chronicle-threads-2-17-2-sources-
jar/net/openhft/chronicle/threads/LongPauser.java
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jar/net/openhft/chronicle/threads/BusyTimedPauser.java
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jar/net/openhft/chronicle/threads/TimingPauser.java
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* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/helpers/MessageFormatter.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/spi/LoggerFactoryBinder.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/helpers/SubstituteLogger.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/interfaces/ILoggerFactory.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/MDC.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/helpers/FormattingTuple.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/MarkerFactory.java
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* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/spi/MDCAdapter.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/spi/MarkerFactoryBinder.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/spi/LocationAwareLogger.java
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* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/spi/BasicMDCAdapter.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/spi/BasicMDCBinder.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/spi/BasicMDCAdapter.java
* /opt/ws_local/PERMITS_SQL/1047986051_1594749721.53/0/slf4j-api-1-7-19-sources-jar/org/slf4j/spi/BasicMDCBinder.java
1.551 xpp 1.1.4c

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1.552 jackson 2.9.10
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* /opt/ws_local/PERMITS_SQL/1068232274_1594324101.89/0/netty-buffer-4-1-49-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068232274_1594324101.89/0/netty-buffer-4-1-49-final-sources-1-
  jar/io/netty/buffer/AbstractPooledDerivedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068232274_1594324101.89/0/netty-buffer-4-1-49-final-sources-1-
  jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068232274_1594324101.89/0/netty-buffer-4-1-49-final-sources-1-
  jar/io/netty/buffer/PooledSlicedByteBuf.java
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* /opt/ws_local/PERMITS_SQL/1068232274_1594324101.89/0/netty-buffer-4-1-49-final-sources-1-
  jar/io/netty/buffer/AdvancedLeakAwareCompositeByteBuf.java
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  jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java
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* /opt/ws_local/PERMITS_SQL/1068232274_1594324101.89/0/netty-buffer-4.1.49-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068232274_1594324101.89/0/netty-buffer-4-1-49-final-sources-1-jar/io/netty/buffer/UnreleasableByteBuf.java

1.554 metrics-core 2.2.0

1.555 activation 1.2.0
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* /opt/cola/permits/1136701410_1613864270.85/0/cglib-2-2-0-b21-sources-2-jar/net/sf/cglib/transform/impl/AddStaticInitTransformer.java
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jar/net/sf/cglib/proxy/MixinEmitter.java
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* /opt/ws_local/PERMITS_SQL/1068232293_1594320747.73/0/netty-resolver-4-1-49-final-sources-1-jar/io/netty/resolver/HostsFileEntriesResolver.java
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- analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See http://project.carrot2.org/license.html.

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1.570 groovy-json 2.4.6

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* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/JsonToken.java
* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/Value.java
* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/ValueContainer.java
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* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/ValueList.java
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* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/ByteScanner.java
* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/Chr.java
* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/CharScanner.java
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* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/JsonParserUsingCharacterSource.java
* /opt/ cola/ permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/Sys.java
jar/groovy/json/internal/SimpleCache.java
* /opt/cola/permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/JsonParser.java
* /opt/cola/permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/Cache.java
* /opt/cola/permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/StreamingJsonBuilder.java
* /opt/cola/permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/JsonDelegate.java
* /opt/cola/permits/1136132036_1613687353.66/0/groovy-json-2-4-6-sources-1-jar/groovy/json/internal/CharSequenceValue.java

1.571 jcip-annotation 1.0

1.572 hk2-api 2.2.0-b21
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1.573 websocket-common 9.3.27.v20190418

1.574 groovy-xml 2.4.6

1.575 httpcomponents-httpclient 4.2.5

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1.576 metrics-health-checks 4.1.0

1.577 google-api-services-storage v1-rev35-1.20.0

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1.578 Jackson 2.8.11

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1.579 checker-compat-qual 2.0.0

1.580 cast 1.3.1

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

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1.583 groovy-groovys 2.4.6

1.584 lucene-join 8.0.0
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1.592 netty-transport 4.1.42.Final

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* /opt/ws_local/PERMITS_SQL/1072871146_1595214703.66/0/netty-transport-4-1-42-final-sources-1-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
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* /opt/ws_local/PERMITS_SQL/1072871146_1595214703.66/0/netty-transport-4-1-42-final-sources-1-jar/io/netty/channel/pool/package-info.java
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jar/io.netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
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jar/io.netty/channel/DefaultSelectStrategy.java
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jar/io.netty/channel/ChannelOutboundInvoker.java
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jar/io/netty/channel/socket/ChannelOutputShutdownException.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>
* 
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext} object. A {@link ChannelHandler} is supposed to interact with the [@link ChannelPipeline] it belongs to via a context object. Using the context object, the [@link ChannelHandler] can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using [@link AttributeKey]s) which is specific to the handler.
* 
* <h3>State management</h3>
* 
* A [@link ChannelHandler] often needs to store some stateful information. The simplest and recommended approach is to use member variables:
* </pre>
* public interface Message {
*   // your methods here
* }
* 
* public class DataServerHandler extends [@link SimpleChannelInboundHandler][Message] {
*   private boolean loggedIn;
*   
*   {@code @Override}
*   public void channelRead0([@link ChannelHandlerContext] ctx, Message message) {
*     if (message instanceof LoginMessage) {
*       authenticate((LoginMessage) message);
*       loggedIn = true;
*     } else (message instanceof GetDataMessage) {
*       if ((<b>loggedIn</b>) ) {
*         ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*       } else {
*         fail();
*       }
*     }
*   }
*   ...
* }
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 a 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", new DataServerHandler()); 
    } 
} 
</pre>

<h4>Using [@link AttributeKey]s</h4>

Although it's recommended to use member variables to store the state of a
handler, for some reason you might not want to create many handler instances.
In such a case, you can use [@link AttributeKey]s which is provided by
[@link ChannelHandlerContext]:

<pre>
public interface Message { 
    // your methods here 
} 

@code @Sharable
public class DataServerHandler extends [@link SimpleChannelInboundHandler]<Message> { 
    private final @link AttributeKey Boolean auth = AttributeKey.valueOf("auth"); 
    
    @code @Override 
    public void channelRead([@link ChannelHandlerContext] ctx, Message message) { 
        Attribute Boolean attr = ctx.attr(auth); 
        if (message instanceof LoginMessage) { 
            authenticate((LoginMessage) o); 
            attr.set(true); 
        } else (message instanceof GetDataMessage) { 
            if (Boolean.TRUE.equals(attr.get())) { 
                ctx.writeAndFlush(fetchSecret((GetDataMessage) o)); 
            } else { 
                fail(); 
            } 
        } 
    } 
} 
</pre>
* Now that the state of the handler is attached to the {link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:

```java
public class DataServerInitializer extends {link ChannelInitializer}<{link Channel}> {

    private static final DataServerHandler bSHAREDb = new DataServerHandler();

    {code Override}
    public void initChannel({link Channel} channel) {
        channel.pipeline().addLast("handler", bSHAREDb);
    }
}
```

* The {code @Sharable} annotation

In the example above which used an {link AttributeKey},
* you might have noticed the {code @Sharable} annotation.

* 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.

* 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.

* This annotation is provided for documentation purpose, just like

* Additional resources worth reading

* 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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* /opt/ws_local/PERMITS_SQL/1072871146_1595214703.66/0/netty-transport-4.1.42-final-sources-1-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /opt/ws_local/PERMITS_SQL/1072871146_1595214703.66/0/netty-transport-4.1.42-final-sources-1-jar/io/netty/channel/ChannelId.java
* /opt/ws_local/PERMITS_SQL/1072871146_1595214703.66/0/netty-transport-4.1.42-final-sources-1-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /opt/ws_local/PERMITS_SQL/1072871146_1595214703.66/0/netty-transport-4.1.42-final-sources-1-jar/io/netty/channel/group/DefaultChannelGroup.java
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jar/io/netty/channel/socket/oio/package-info.java
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  jar/io/grpc/internal/ManagedChannelImpl.java
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  jar/io/grpc/internal/StreamListener.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1-
  jar/io/grpc/internal/GrpcUtil.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1-
  jar/io/grpc/ServerServiceDefinition.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1-
  jar/io/grpc/internal/ReadableBuffer.java
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* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1-jar/io/grpc/internal/AbstractServerImplBuilder.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1-jar/io/grpc/Channel.java
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 * /
/**
 * Frees any resources associated with this stream. Subclass implementations must call this
 * version.
 * 
 * <p> NOTE: Can be called by both the transport thread and the application thread. Transport
 * threads need to dispose when the remote side has terminated the stream. Application threads
 * will dispose when the application decides to close the stream as part of normal processing.
 * /

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* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1.jar/io/grpc/inprocess/InProcessServerBuilder.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1.jar/io/grpc/internal/AbstractReferenceCounted.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1.jar/io/grpc/NameResolver.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1.jar/io/grpc/internal/BlankFutureProvider.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1.jar/io/grpc/ForwardingClientCallListener.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1.jar/io/grpc/DnsNameResolver.java
* /opt/cola/permits/1001160299_1606871947.12/0/grpc-core-0-12-0-sources-1.jar/io/grpc/Context.java
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</tr>
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1.615 jackson-dataformat-smile 2.8.11

1.616 siddhi-execution-regex 5.0.1

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* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
jar/com/nimbusds/jose/crypto/DirectEncrypter.java
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
jar/com/nimbusds/jose/crypto/ECDSAASigner.java
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
jar/com/nimbusds/jose/util/BigIntegerUtils.java
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
jar/com/nimbusds/jose/JWECryptoParts.java
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
jar/com/nimbusds/jose/PlainHeader.java
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
jar/com/nimbusds/jose/proc/JWEEncryptionKeySelector.java
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
jar/com/nimbusds/jose/Payload.java
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
jar/com/nimbusds/jose/util/Base64URL.java
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-
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Found in path(s):
* /opt/cola/permits/1136447733_1613767076.49/0/nimbus-jose-jwt-4-41-3-sources-2-jar/META-INF/maven/com.nimbusds/nimbus-jose-jwt/pom.xml

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* */
1.618 antlr 3.5.2

1.619 lucene-queries 8.0.0
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Nori Korean Morphological Analyzer - Apache Lucene Integration
===========================================================================

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mecab-ko-dic-2.0.3-20170922

which can be obtained from

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1.620 st4 4.0.8

1.620.1 Available under license:

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* /opt/cola/permits/1110745825_1606848362.54/0/st4-4-0-8-sources-1-
  jar/org/stringtemplate/v4/misc/TypeRegistry.java
* /opt/cola/permits/1110745825_1606848362.54/0/st4-4-0-8-sources-1-
  jar/org/stringtemplate/v4/misc/AmbiguousMatchException.java

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*/

/** Build an AST from a single StringTemplate template */
parser grammar STParser;

options {
language=Java;
tokenVocab=STLexer;
TokenLabelType=CommonToken;
output=AST;
ASTLabelType=CommonTree;
}
tokens {
EXPR; OPTIONS; PROP; PROP_IND; INCLUDE; INCLUDE_IND; EXEC_FUNC; INCLUDE_SUPER;
INCLUDE_SUPER_REGION; INCLUDE_REGION; TO_STR; LIST; MAP; ZIP; SUBTEMPLATE; ARGS;
ELEMENTS; REGION; NULL; INDENTED_EXPR;
}

@header {
package org.stringtemplate.v4.compiler;
import org.stringtemplate.v4.misc.ErrorManager;
import org.stringtemplate.v4.misc.ErrorType;
}

@members {
ErrorManager errMgr;
Token templateToken;
}
public STParser(TokenStream input, ErrorManager errMgr, Token templateToken) {
    this(input);
    this.errMgr = errMgr;
    this.templateToken = templateToken;
}

@Override
protected Object recoverFromMismatchedToken(IntStream input, int ttype, BitSet follow)
throws RecognitionException {
    throw new MismatchedTokenException(ttype, input);
}

@rulecatch {
    catch (RecognitionException re) { throw re; }
}

templateAndEOF : template EOF -> template? ;

template : element* ;

element :
    {:input.LT(1).getCharPositionInLine()==0}? INDENT? COMMENT NEWLINE -> // throw away
    |INDENT singleElement -> ^(INDENTED_EXPR INDENT singleElement?) // singleElement is optional to handle
    |singleElement
    |compoundElement
    ;

singleElement :
    exprTag
    |TEXT
    |NEWLINE
    |COMMENT! // throw away
    ;

compoundElement :
    :ifstat
    |region
    ;

exprTag :
    :LDELIM expr ( ';' exprOptions )? RDELIM
    -> ^(EXPR[$LDELIM,"EXPR"] expr exprOptions?)
    ;

region
    @init { Token indent=null; }
|p=".' 'mapExpr ')"-> ^(PROP_IND[$p,"PROP_IND"] $notConditionalExpr mapExpr)
|

exprOptions : option ( ',' option )* -> ^(OPTIONS option*) ;

option
@init {
String id = input.LT(1).getText();
String defVal = Compiler.defaultOptionValues.get(id);
boolean validOption = Compiler.supportedOptions.get(id) != null;
}
:ID
|
if ( !validOption ) {
  errMgr.compileTimeError(ErrorType.NO_SUCH_OPTION, templateToken, $ID, $ID.text);
}
|
('= exprNoComma -> {validOption}? ^]==' ID exprNoComma)
|
if ( defVal==null ) {
  errMgr.compileTimeError(ErrorType.NO_DEFAULT_VALUE, templateToken, $ID);
}
|
-> {validOption&&defVal!=null}? ^=(' ID STRING[$ID,'"'+defVal+'"']
|
exprNoComma
:memberExpr
 ( ':' mapTemplateRef-> ^(MAP memberExpr mapTemplateRef)
 |-> memberExpr
|
); expr : mapExpr ;

// more complicated than necessary to avoid backtracking, which ruins
// error handling
mapExpr
:memberExpr
 ( (c='.' memberExpr)+ col=':' mapTemplateRef
-> ^ZIP[$col] ^ELEMENTS memberExpr+) mapTemplateRef)
|-> memberExpr
)
### lexer

```java
({if ($x!=null) $x.clear();} // don't keep queueing x; new list for each iteration
col=':' x+=mapTemplateRef {{c==null}=>$c+=mapTemplateRef }*
-> ^(MAP[Scol] $mapExpr $x+)
)*

/**
expr:template(args) apply template to expr
expr:{arg | ...} apply subtemplate to expr
expr:(e)(args) convert e to a string template name and apply to expr
*/
mapTemplateRef
:ID '(' args ')'-> ^(INCLUDE ID args?)
|subtemplate
|lp=(' mapExpr rp=') '(' argExprList ')' -> ^(INCLUDE_IND mapExpr argExprList?)
|

memberExpr
:includeExpr->includeExpr
(p='.' ID-> ^(PROP[$p,PROP] $memberExpr ID)
|p='.' mapExpr ')'-> ^(PROP_IND[$p,PROP_IND] $memberExpr mapExpr)
)*
|

callExpr
:options {k=2;} // prevent full LL(*), which fails, falling back on k=1; need k=2
:{Compiler.funcs.containsKey(input.LT(1).getText())}? // predefined function
ID (' expr? ')-> ^(EXEC_FUNC ID expr?)
|'super' '.' ID (' args ')-> ^(INCLUDE_SUPER ID args?)
|ID (' args ')-> ^(INCLUDE ID args?)
|'@' 'super' '.' ID (' rp=')-> ^(INCLUDE_SUPER_REGION ID)
|'@' ID (' rp=')-> ^(INCLUDE_REGION ID)
|primary
|

primary
:ID
|STRING
|TRUE
|FALSE
|subtemplate
|list
|{conditional.size()>0}?$c+=mapTemplateRef
|{conditional.size()==0}?lp=(' expr ')
(' argExprList ')' -> ^(INCLUDE_IND[$lp] expr argExprList?)
|-> ^(TO_STR[$lp] expr)
|

```

### parser

```java
```
args:argExprList
| namedArg (',' namedArg )* (',' '...')? -> namedArg+ '...'?
| '...' |
|
argExprList : arg (',' arg )* -> arg+ ;

arg : exprNoComma ;
namedArg : ID '=' arg -> ^( '=' ID arg ) ;

list:{input.LA(2)==RBRACK}? // hush warning; [] special case
lb='[' ']' -> LIST[$lb]
[lb='[' listElement (',' listElement )* ']'] -> ^(LIST[$lb] listElement*) ;

listElement : exprNoComma | -> NULL ;

Found in path(s):
  */
  * /opt/cola/permits/1110745825_1606848362.54/0/st4-4-0-8-sources-1-
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tree grammar CodeGenerator;

options {
    language=Java;
    tokenVocab=STParser;
    ASTLabelType=CommonTree;
}

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     */
}

package org.stringtemplate.v4.compiler;
import org.stringtemplate.v4.misc.*;
import org.stringtemplate.v4.*;

@members {
    String outermostTemplateName; // name of overall template
}
CompiledST outermostImpl;
Token templateToken; // overall template token
String template; // overall template text
ErrorManager errMgr;
public CodeGenerator(TreeNodeStream input, ErrorManager errMgr, String name, String template, Token
  templateToken) {
  this(input, new RecognizerSharedState());
  this.errMgr = errMgr;
  this.outermostTemplateName = name;
  this.template = template;
  this.templateToken = templateToken;
}

// convience funcs to hide offensive sending of emit messages to
// CompilationState temp data object.

public void emit1(CommonTree opAST, short opcode, int arg) {
  $template::state.emit1(opAST, opcode, arg);
}
public void emit1(CommonTree opAST, short opcode, String arg) {
  $template::state.emit1(opAST, opcode, arg);
}
public void emit2(CommonTree opAST, short opcode, int arg, int arg2) {
  $template::state.emit2(opAST, opcode, arg, arg2);
}
public void emit2(CommonTree opAST, short opcode, String s, int arg2) {
  $template::state.emit2(opAST, opcode, s, arg2);
}
  public void emit(CommonTree opAST, short opcode) {
  $template::state.emit(opAST, opcode);
}
public void insert(int addr, short opcode, String s) {
  $template::state.insert(addr, opcode, s);
}
public void setOption(CommonTree id) {
  $template::state.setOption(id);
}
public void write(int addr, short value) {
  $template::state.write(addr, value);
}
public int address() { return $template::state.ip; }
public void func(CommonTree id) { $template::state.func(templateToken, id); }
public void refAttr(CommonTree id) { $template::state.refAttr(templateToken, id); }
public int defineString(String s) { return $template::state.defineString(s); }
}

templateAndEOF : template[null,null] EOF; // hush warning; ignore
template[String name, List<FormalArgument> args] returns [CompiledST impl]
scope {
    CompilationState state; // automatically get a new state pointer per invocation
}
@init {
$impl = $template::state.impl;
if ( $template::state.stringtable!=null ) $impl.strings = $template::state.stringtable.toArray();
$impl.defineFormalArgs($args); // make sure args are defined prior to compilation
if ( name!=null && name.startsWith(Compiler.SUBTEMPLATE_PREFIX) ) {
    $impl.addArg(new FormalArgument("i"));
    $impl.addArg(new FormalArgument("i0"));
}
$impl.template = template; // always forget the entire template; char indexes are relative to it
}
:chunk
    if ( $template::state.stringtable!=null ) $impl.strings = $template::state.stringtable.toArray();
    $impl.codeSize = $template::state.ip;
}
:element*
;

:element
    ^(INDENTED_EXPR INDENT compoundElement[$INDENT]) // ignore indent in front of IF and region blocks
    [compoundElement[null]]
    [^INDENTED_EXPR INDENT] [$template::state.indent($INDENT)];
    singleElement
    [$template::state.emit(Bytecode.INSTR_DEDENT);]}

:compoundElement[CommonTree indent]
    :ifstat[indent]
exprElement
@init { short op = Bytecode.INSTR_WRITE; }
:^\( EXPR expr (exprOptions {op=Bytecode.INSTR_WRITE_OPT;})\)?
{ /*
CompilationState state = $template::state;
CompiledST impl = state.impl;
if ( impl.instrs[state.ip-1] == Bytecode.INSTR_LOAD_LOCAL ) {
impl.instrs[state.ip-1] = Bytecode.INSTR_WRITE_LOCAL;
} else {
emit($EXPR, op);
}
*/
emit($EXPR, op);
}
*/

region[CommonTree indent] returns [String name]
@init {
if ( indent!=null ) $template::state.indent(indent);
}
@after {
if ( indent!=null ) $template::state.emit(Bytecode.INSTR_DEDENT);
}
:^\(REGION ID
{$name = STGroup.getMangledRegionName(outermostTemplateName, $ID.text);}
template[$name,null]
{
CompiledST sub = $template.impl;
   sub.isRegion = true;
   sub.regionDefType = ST.RegionType.EMBEDDED;
   sub.templateDefStartToken = $ID.token;
//sub.dump();
outermostImpl.addImplicitlyDefinedTemplate(sub);
emit2($start, Bytecode.INSTR_NEW, $region.name, 0);
emit($start, Bytecode.INSTR_WRITE);
}
) ;

subtemplate returns [String name, int nargs]
@init {
   $name = Compiler.getNewSubtemplateName();
List<FormalArgument> args = new ArrayList<FormalArgument>();
\(^{(\text{SUBTEMPLATE})\}
(^(ARGS (ID \{args.add(new FormalArgument($ID.text));\})+))*
{$nargs = args.size();}
template[$name, args]
{
  CompiledST sub = $template.impl;
  sub.isAnonSubtemplate = true;
  sub.templateDefStartToken = $SUBTEMPLATE.token;
  sub.ast = $SUBTEMPLATE;
  sub.ast.setUnknownTokenBoundaries();
  sub.tokens = input.getTokenStream();
  //sub.dump();
  outermostImpl.addImplicitlyDefinedTemplate(sub);
}
)

[SUBTEMPLATE // { }
{
  CompiledST sub = new CompiledST();
  sub.name = $name;
  sub.template = "";
  sub.addArg(new FormalArgument("i");
  sub.addArg(new FormalArgument("i0");
  sub.isAnonSubtemplate = true;
  sub.templateDefStartToken = $SUBTEMPLATE.token;
  sub.ast = $SUBTEMPLATE;
  sub.ast.setUnknownTokenBoundaries();
  sub.tokens = input.getTokenStream();
  //sub.dump();
  outermostImpl.addImplicitlyDefinedTemplate(sub);
}
)

ifstat[CommonTree indent]
@init {
  /** Tracks address of branch operand (in code block). It's how
   * we backpatch forward references when generating code for IFs.
   */
  int prevBranchOperand = -1;
  /** Branch instruction operands that are forward refs to end of IF.
   * We need to update them once we see the endif.
   */
  List<Integer> endRefs = new ArrayList<Integer>();
  if ( indent!=null ) $template::state.indent(indent);
}
@after {
  if ( indent!=null ) $template::state.emit(Bytecode.INSTR_DEDENT);
}
if ('if' conditional
{
    prevBranchOperand = address()+1;
    emit1($i, Bytecode.INSTR_BRF, -1); // write placeholder as branch target
}
chunk
('if='elseif'
{
    endRefs.add(address()+1);
    emit1($eif, Bytecode.INSTR_BR, -1); // br end
    // update previous branch instruction
    write(prevBranchOperand, (short)address());
    prevBranchOperand = -1;
}
chunk
)
)*
('if='else'
{
    endRefs.add(address()+1);
    emit1($el, Bytecode.INSTR_BR, -1); // br end
    // update previous branch instruction
    write(prevBranchOperand, (short)address());
    prevBranchOperand = -1;
}
chunk
)
)?
if ( prevBranchOperand>=0 ) {
    write(prevBranchOperand, (short)address());
}
for (int opnd : endRefs) write(opnd, (short)address());
}
conditional
(OR conditional conditional)
{emit($OR, Bytecode.INSTR_OR);}
(AND conditional conditional)
{emit($AND, Bytecode.INSTR_AND);}
(BANG conditional)
{emit($BANG, Bytecode.INSTR_NOT);}
expr // not all expr are valid, but reuse code gen (parser restricts syntax)
exprOptions: {emit($start, Bytecode.INSTR_OPTIONS); } ^(OPTIONS option*);

option: ^( '=' ID expr) {setOption($ID); } ;

expr
@init {int nt = 0, ne = 0;}
:^ZIP ^ELEMENTS (expr {ne++;})+ mapTemplateRef[ne])
{emit1($ZIP, Bytecode.INSTR_ZIP_MAP, ne);}
|^MAP expr (mapTemplateRef[1] {nt++;})+
{if ( nt>1 ) emit1($MAP, nt>1?Bytecode.INSTR_ROT_MAP:Bytecode.INSTR_MAP, nt);
else emit($MAP, Bytecode.INSTR_MAP);
}
|prop
|includeExpr
;

prop: ^PROP expr ID | ^PROP_IND expr expr{emit($PROP, Bytecode.INSTR_LOAD_PROP, $ID.text);}
| ^PROP_IND expr expr{emit($PROP_IND, Bytecode.INSTR_LOAD_PROP_IND);}
;

mapTemplateRef[int num_exprs]
:^INCLUDE ID
{for (int i=1; i<=$num_exprs; i++) emit($INCLUDE,Bytecode.INSTR_NULL);}
args
)
{
if ( $args.passThru ) emit1($start, Bytecode.INSTR_PASSTHRU, $ID.text);
if ( $args.namedArgs ) emit1($INCLUDE, Bytecode.INSTR_NEW_BOX_ARGS, $ID.text);
else emit2($INCLUDE, Bytecode.INSTR_NEW, $ID.text, $args.n+$num_exprs);
}
|subtemplate
{
if ( $subtemplate.nargs != $num_exprs ) {
errMsg.compileTimeError(ErrorType.ANON_ARGUMENT_MISMATCH,
templateToken, $subtemplate.start.token, $subtemplate.nargs, $num_exprs);
}
for (int i=1; i<=$num_exprs; i++) emit($subtemplate.start,Bytecode.INSTR_NULL);
emit2($subtemplate.start, Bytecode.INSTR_NEW,
$subtemplate.name,
$num_exprs);
}
|^INCLUDE_IND expr
{
emit($INCLUDE_IND,Bytecode.INSTR_TOSTR);
for (int i=1; i<=$num_exprs; i++) emit($INCLUDE_IND, Bytecode.INSTR_NULL);
}

args
{
emit1($INCLUDE_IND, Bytecode.INSTR_NEW_IND, $args.n+$num_exprs);
}

includeExpr
:^\(EXEC\_\_FUNC\ ID expr?\)\{func($ID);\
|^\(INCLUDE\ ID args\)
{
if ( $args.passThru ) emit1($start, Bytecode.INSTR_PASSTHRU, $ID.text);
if ( $args.namedArgs ) emit1($INCLUDE, Bytecode.INSTR_NEW_BOX_ARGS, $ID.text);
else emit2($INCLUDE, Bytecode.INSTR_NEW, $ID.text, $args.n);
}
|^\(INCLUDE\_SUPER\ ID args\)
{
if ( $args.passThru ) emit1($start, Bytecode.INSTR_PASSTHRU, $ID.text);
if ( $args.namedArgs ) emit1($INCLUDE\_SUPER, Bytecode.INSTR_SUPER\_NEW_BOX_ARGS, $ID.text);
else emit2($INCLUDE\_SUPER, Bytecode.INSTR_SUPER\_NEW, $ID.text, $args.n);
}
|^\(INCLUDE\_REGION\ ID\)
CompiledST impl =
Compiler.defineBlankRegion(outermostImpl, $ID.token);
impl.dump();
emit2($INCLUDE\_REGION, Bytecode.INSTR_NEW, impl.name, 0);
}
|^\(INCLUDE\_SUPER\_REGION\ ID\)
String mangled =
STGroup.getMangledRegionName(outermostImpl.name, $ID.text);
emit2($INCLUDE\_SUPER\_REGION, Bytecode.INSTR\_SUPER\_NEW, mangled, 0);
}

|primary
:

primary
^ID\{refAttr($ID);\}
|STRING\{emit1($STRING, Bytecode.INSTR\_LOAD\_STR, Misc.strip($STRING.text, 1));\}
|TRUE\{emit($TRUE, Bytecode.INSTR\_TRUE);\}
|FALSE\{emit($FALSE, Bytecode.INSTR\_FALSE);\}
|subtemplate// push a subtemplate but ignore args since we can't pass any to it here
{emit2($start, Bytecode.INSTR\_NEW, $subtemplate.name, 0);}
|list
|^\(INCLUDE\_IND
expr \{emit($INCLUDE\_IND, Bytecode.INSTR\_TOSTR);\}
args \{emit1($INCLUDE\_IND, Bytecode.INSTR\_NEW\_IND, $args.n);\}
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*/

grammar Group;

options {
    language=Java;
}

tokens {
    TRUE='true'; FALSE='false'; LBRACK='['; RBRACK=']';
}

@header {

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     */
}

package org.stringtemplate.v4.compiler;

import java.util.Collections;
import java.util.Map;
import java.util.HashMap;
import java.util.List;
import java.util.ArrayList;
import org.stringtemplate.v4.misc.);
import org.stringtemplate.v4.*/;
import java.io.File;
}

@lexer::header {
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 */
package org.stringtemplate.v4.compiler;
import org.stringtemplate.v4.*/;
import org.stringtemplate.v4.misc.*/;
import java.io.File;
}

@members {
public STGroup group;

@Override
public void displayRecognitionError(String[] tokenNames,
RecognitionException e) {
    String msg = getErrorMessage(e, tokenNames);
    group.errMgr.groupSyntaxError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
}

@Override
public String getSourceName() {
    String fullFileName = super.getSourceName();
    File f = new File(fullFileName);  // strip to simple name
    return f.getName();
}

public void error(String msg) {
    NoViableAltException e = new NoViableAltException("", 0, 0, input);
    group.errMgr.groupSyntaxError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
    recover(input, null);
}

@lexer::members {
    public STGroup group;

    @Override
    public String getSourceName() {
        String fullFileName = super.getSourceName();
        File f = new File(fullFileName);  // strip to simple name
        return f.getName();
    }

    group[STGroup group, String prefix]
    @init {
        GroupLexer lexer = (GroupLexer)input.getTokenSource();
        this.group = lexer.group = $group;
    }
}
oldStyleHeader?
delimiters?
  ('import' STRING {group.importTemplates($STRING);} |
   'import' // common error: name not in string
   )
  MismatchedTokenException e = new MismatchedTokenException(STRING, input);
  reportError(e);
} ID ('.' ID)* // might be a.b.c.d
)*
def[prefix]*
EOF
;

oldStyleHeader // ignore but lets us use this parser in AW for both v3 and v4
  : 'group' ID ( ':' ID )?
  ('implements' ID (',' ID)* )?
  ;

groupName returns [String name]
@init {StringBuilder buf = new StringBuilder();}
  :=ID {buf.append($a.text);} ('.' a=ID {buf.append($a.text);})*
  ;

delimiters
  ':delimiters' a=STRING ',' b=STRING
  {
    group.delimiterStartChar=$a.getText().charAt(1);
    group.delimiterStopChar=$b.getText().charAt(1);
  }

/** Match template and dictionary defs outside of (...)+ loop in group.
 * The key is catching while still in the loop; must keep prediction of
 * elements separate from "stay in loop" prediction.
 */
def[String prefix] : templateDef[prefix] | dictDef ;
catch[RecognitionException re] {
  // pretend we already saw an error here
  state.lastErrorIndex = input.index();
  error("garbled template definition starting at "+input.LT(1).getText()+"\n");
}
templateDef[String prefix]
@init {
  String template=null;
  int n=0; // num char to strip from left, right of template def
'::='
{Token templateToken = input.LT(1);}
(STRING    {template=$STRING.text; n=1;}
| BIGSTRING {template=$BIGSTRING.text; n=2;}
| BIGSTRING_NO_NL {template=$BIGSTRING_NO_NL.text; n=2;}
|
    template = "";
    String msg = "missing template at "+input.LT(1).getText()+"";
    NoViableAltException e = new NoViableAltException("", 0, 0, input);
    group.errMgr.groupSyntaxError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
}
|
if ( $name.index >= 0 ) { // if ID missing
    template = Misc.strip(template, n);
    String templateName = $name.text;
    if ( prefix.length()>0 ) templateName = prefix+$name.text;
    String enclosingTemplateName = $enclosing.text;
    if (enclosingTemplateName != null && enclosingTemplateName.length()>0 && prefix.length()>0) {
        enclosingTemplateName = prefix + enclosingTemplateName;
    }
    group.defineTemplateOrRegion(templateName, enclosingTemplateName, templateToken,
        template, $name, $formalArgs.args);
}
|
| alias=ID '::=' target=ID  {group.defineTemplateAlias($alias, $target);}
null, $ID);
}

{$args.add(new FormalArgument($ID.text, $a));}

/*
  suffix returns [int cardinality=FormalArgument.REQUIRED]
    :  OPTIONAL
    |  STAR
    |  PLUS
    |
    */

dictDef
:ID ::= dict
{| if ( group.rawGetDictionary($ID.text)!=null ) {
  group.errMgr.compileTimeError(ErrorType.MAP_REDEFINITION, null, $ID);
  }
  else if ( group.rawGetTemplate($ID.text)!=null ) {
  group.errMgr.compileTimeError(ErrorType.TEMPLATE_REDEFINITION_AS_MAP, null, $ID);
  }
  else {
    group.defineDictionary($ID.text, $dict.mapping);
  }
  |
  }

dict returns [Map<String,Object> mapping]
@init {mapping=new HashMap<String,Object>();}
: '{' dictPairs[mapping] '}'

;

dictPairs[Map<String,Object> mapping]
  : keyValuePair[mapping]
  | (',' keyValuePair[mapping])* (',' defaultValuePair[mapping])?
  | defaultValuePair[mapping]
  |
  |
  catch[RecognitionException re] {
  error("missing dictionary entry at "+input.LT(1).getText()+"'");
  }

defaultValuePair[Map<String,Object> mapping]
  :'default' ': ' keyValue {mapping.put(STGroup.DEFAULT_KEY, SkeyValue.value);}
  ;
keyValuePair[Map<String, Object> mapping]
:STRING ': ' keyValue { mapping.put(Misc.replaceEscapes(Misc.strip($STRING.text, 1)), $keyValue.value); }
;

keyValue returns [Object value]
:BIGSTRING{$value = group.createSingleton($BIGSTRING);}
|BIGSTRING_NO_NL{$value = group.createSingleton($BIGSTRING_NO_NL);}
|ANONYMOUS_TEMPLATE{$value = group.createSingleton($ANONYMOUS_TEMPLATE);}
|STRING{$value = Misc.replaceEscapes(Misc.strip($STRING.text, 1));}
|TRUE{$value = true;}
|FALSE{$value = false;}
|[' ']{value = Collections.emptyList();}
|([input.LT(1).getText().equals("key")]?=> ID
|{$value = STGroup.DICT_KEY;}
;
catch[RecognitionException re] {
error("missing value for key at " + input.LT(1).getText() + ");
}

ID: ("a".."z"|"A".."Z"|\'-\') ("a".."z"|"A".."Z"|\'0"..\'9'|\'-\')*
;

STRING
::
("\""
|\'
|\"'
|\")
|
String msg = "\n in string»
    NoViableAltException e = new NoViableAltException("", 0, 0, input);
group.errMgr.groupLexerError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
}

'\n'
|-(\"\"|'\n')
|
*
|
    String txt = getText().replaceAll("\n\n","\n");
setText(txt);
}

BIGSTRING_NO_NL // same as BIGSTRING but means ignore newlines later
::<% ( . )* ' %>
    // %\> is the escape to avoid end of string
|
    String txt = getText().replaceAll("\\\n","\n");
setText(txt);
**BIGSTRING**

```java
	'<<'

(options {greedy=false;}

: \> \>
| \> ~>' // allow this but don't collapse in action
| ~\W
)


`>>'

{

	String txt = getText();

	txt = Misc.replaceEscapedRightAngle(txt); // replace \> with > unless \<\>

setText(txt);

}

; // don't match '}' here; our little {...} scanner loop matches it

; // to terminate.

```

**COMMENT**

```java

 ; /* ( options {greedy=false; } : . )* */ {skip();}

```
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 */

Found in path(s):
* /opt/cola/permits/1110745825_1606848362.54/0/st4-4-0-8-sources-1-jar/org/stringtemplate/v4/gui/JTreeASTModel.java
* /opt/cola/permits/1110745825_1606848362.54/0/st4-4-0-8-sources-1-jar/org/stringtemplate/v4/gui/JTreeSTModel.java
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.623 lang-mustache-client 7.0.0

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* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/Headers.java

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A decoder that splits the received ByteBufs 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.

| @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.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java

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A decoder that splits the received ByteBufs 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.

| @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.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java

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The value of the length field in this example is 12 (0x0C) 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.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
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" |
+--------+----------------+      +--------+----------------+
```

Because we can get the length of the content by calling `ByteBuf#readableBytes()`, you might want to strip the length field by specifying `initialBytesToStrip`. In this example, we specified `2` that is same with the length of the length field, to strip the first two bytes.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 2 (= the length of the Length field)
```

BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
+--------+----------------+      +----------------+
| Length | Actual Content |----->| Actual Content |
| 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
+--------+----------------+      +--------+----------------+
```

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>

* 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" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

* 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)
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>.

```
lengthFieldOffset   = 1 (= the length of HDR1)
lengthFieldLength   = 2
<tt>lengthAdjustment</tt>    = 1 (= the length of HDR2)
<tt>initialBytesToStrip</tt> = 3 (= the length of HDR1 + LEN)
```

BEFORE DECODE (16 bytes)                          AFTER DECODE (13 bytes)
```
<table>
<thead>
<tr>
<th>HDR1</th>
<th>Length</th>
<th>HDR2</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0xCA</td>
<td>0x000C</td>
<td>0xFE</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```

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.

```
lengthFieldOffset   = 1
lengthFieldLength   = 2
<tt>lengthAdjustment</tt>    = -3 (= the length of HDR1 + LEN, negative)
<tt>initialBytesToStrip</tt> = 3
```

BEFORE DECODE (16 bytes)                          AFTER DECODE (13 bytes)
```
<table>
<thead>
<tr>
<th>HDR1</th>
<th>Length</th>
<th>HDR2</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0xCA</td>
<td>0x000C</td>
<td>0xFE</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +----------------+-----------------+ +-----------------+
* @see LengthFieldPrepender
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/protobuf/Varint32LengthFieldPrepender.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/protobuf/Varint32FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/unsupported/ValueConverter.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoder Nano.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java

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* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/DecoderResultProvider.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/MessageAggregationException.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Crc32.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Bzip22BlockDecompressor.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/LzfEncoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Bzip22BlockCompressor.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1.jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
*/
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jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/compression/Lz4Decoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /opt/ws_local/PERMITS_SQL/1072871266_1595214869.21/0/netty-codec-4-1-42-final-sources-1-jar/io/netty/handler/codec/AsciiHeadersEncoder.java

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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from 
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
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1.627 config 1.2.0

1.628 streadway-amqp v0.0.0-20200108173154

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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.
 */

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/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type Type}).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
```
/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * @param mv
 * @param access
 */

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 */
* the method's access flags (see [ @link Opcodes ]).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see [ @link Type Type ]).
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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 */
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * <code>@param mv</code> MethodVisitor&lt;/code&gt; to send the resulting inlined
 * method code to (use &lt;code&gt;null&lt;/code&gt; for none).
 * <code>@param access</code> the method's access flags (see [@link Opcodes]). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * <code>@param name</code> the method's name.
 * <code>@param desc</code> the method's descriptor (see [@link Type]).
* @param signature
    * the method's signature. May be `<tt>null</tt>`.
* @param exceptions
    * the internal names of the method's exception classes (see
    *  {@link Type#getInternalName() getInternalName}). May be
    *  `<tt>null</tt>`.
* @throws IllegalStateException
    * If a subclass calls this constructor.
*/

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

Found in path(s):
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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 */
/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #Textifier(int)}
 * version.
 *
 * @throws IllegalStateException
 * @throws IllegalArgumentException
 * @throws NullPointerException
 */

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/**
 * Constructs a new ClassNode. <i>Subclasses must not use this constructor</i>. Instead, they must use the ClassNode(int)
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 *
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jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1135840046_1613613019/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
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1.638 jackson-databind 2.10.1

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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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# 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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### 1.650 junixsocket-common 2.0.4

### 1.651 httpcomponents-client 4.5.7

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1.656 jwt-go v3.1.0
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1.668 txw2 2.3.1

1.669 gremlin-driver 3.2.0
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1.670 native-lib-loader 2.0.2

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1.671 mgo 2.0.0

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1.673 golang-snappy 2e65f85
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1.674 javax-el-api 2.2.4

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1.677 aspect-j 1.8.13

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  jar/io/netty/handler/ssl/Java9SslUtils.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/AbstractSniHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
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  jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
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  jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/Java9SslEngine.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ocsp/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OptionalSslHandler.java

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  jar/io/netty/handler/ssl/OpenSsl.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/SniHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/PemReader.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ApplicationProtocolUtil.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/PemX509Certificate.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/flush/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/PemTrustManager.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/PemTrustManagerWrapper.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/PemEncoded.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/Java8SslUtils.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/PemValue.java

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  jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/ChunkedStream.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/logging/LoggingHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/TimeoutException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/ReadTimeoutException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/logging/LogLevel.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
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* /opt/cola/permits/1136131858_1613687338.37/0/groovy-templates-2-4-6-sources-1-jar/groovy/text/markup/TagLibAdapter.groovy
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* /opt/cola/permits/1136131858_1613687338.37/0/groovy-templates-2-4-6-sources-1-jar/groovy/text/markup/DelegatingIndentWriter.java
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* /opt/cola/permits/1103764636_1604518270.78/0/rssocket-core-1-0-0-rc7-sources-jar/io/rssocket/exceptions/RejectedSetupException.java
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* /opt/cola/permits/1103764636_1604518270.78/0/rssocket-core-1-0-0-rc7-sources-jar/io/rssocket/plugins/InterceptorRegistry.java
* /opt/cola/permits/1103764636_1604518270.78/0/rssocket-core-1-0-0-rc7-sources-jar/io/rssocket/exceptions/CanceledException.java
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* /opt/cola/permits/1103764636_1604518270.78/0/rssocket-core-1-0-0-rc7-sources-jar/io/rssocket/exceptions/UnsupportedSetupException.java
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1.690 error_prone_annotations 2.1.3

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* /opt/ws_local/PERMITS_SQL/1001654294_1592507239.29/0/error-prone-annotations-2-1-3-sources-3-jar/com/google/errorprone/annotations/CompileTimeConstant.java

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* /opt/ws_local/PERMITS_SQL/1001654294_1592507239.29/0/error-prone-annotations-2-1-3-sources-3-jar/com/google/errorprone/annotations/FormatString.java
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  jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
  */opt/cola/permits/110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
  jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java

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 */
jar/io/netty/channel/group/ChannelMatchers.java
*/
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/AbstractEventLoopGroup.java
*/
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/DefaultChannelProgressivePromise.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\}.
 *
 * <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>
 * <p>
 * <h3>The context object</h3>
 */
A ChannelHandler is provided with a ChannelHandlerContext object. A ChannelHandler is supposed to interact with the ChannelPipeline it belongs to via a context object. Using the context object, the ChannelHandler can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using AttributeKey)s which is specific to the handler.

State management

A ChannelHandler often needs to store some stateful information. The simplest and recommended approach is to use member variables:

public interface Message {
    // your methods here
}

public class DataServerHandler extends SimpleChannelInboundHandler<Message> {

    private boolean loggedIn;

    @Override
    public void channelRead0(ChannelHandlerContext ctx, Message message) {
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else (message instanceof GetDataMessage) {
            if (loggedIn) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
            } else {
                fail();
            }
        }
    }

    // Create a new handler instance per channel.
    // See ChannelInitializer#initChannel(Channel).
    public class DataServerInitializer extends ChannelInitializer<Channel> {
        @Override
        public void initChannel(Channel channel) {
            channel.pipeline().addLast("handler", new DataServerHandler());
        }
    }
}
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 `AttributeKey`s which is provided by `ChannelHandlerContext`:

```java
public interface Message {
    // your methods here
}

@Sharable
public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");

    @Override
    public void channelRead(ChannelHandlerContext ctx, Message message) {
        Attribute<Boolean> attr = ctx.attr(auth);
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) o);
            attr.set(true);
        } else if (message instanceof GetDataMessage) {
            if (Boolean.TRUE.equals(attr.get())) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
            } else {
                fail();
            }
        }
    }

    ...}
``` 

Now that the state of the handler is attached to the `ChannelHandlerContext`, you can add the same handler instance to different pipelines:

```java
public class DataServerInitializer extends ChannelInitializer<Channel> {

    private static final DataServerHandler SHARED = new DataServerHandler();

    @Override
    public void initChannel(Channel channel) {
        channel.pipeline().addLast("handler", SHARED);
    }
}
```
The `@Sharable` annotation

In the example above which used an `AttributeKey`, you might have noticed the `@Sharable` annotation.

If a `ChannelHandler` is annotated with the `@Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `ChannelPipeline`s multiple times without a race condition.

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.

This annotation is provided for documentation purpose, just like the JCIP annotations.

Additional resources worth reading

Please refer to the `ChannelHandler`, and `ChannelPipeline` to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

Found in path(s):

```
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```

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jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/SimpleChannelPool.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/ChannelPoolMap.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/ChannelHealthChecker.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/FixedChannelPool.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/MaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/DefaultMaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/ChannelPoolMap.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/pool/ChannelHealthChecker.java
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/socket/nio/NioChannelOption.java
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jar/io/netty/channel/ReflectiveChannelFactory.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/embedded/EmbeddedChannelId.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/ChannelFactory.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/PendingWriteQueue.java

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jar/io/netty/channel/PreferHeapByteBufAllocator.java
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jar/io/netty/channel/DefaultSelectStrategy.java
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jar/io/netty/channel/DefaultSelectStrategyFactory.java
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jar/io/netty/channel/ChannelOutboundInvoker.java
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jar/io/netty/channel/socket/DuplexChannel.java
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jar/io/netty/channel/SelectStrategyFactory.java
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jar/io/netty/channel/SelectStrategy.java
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jar/io/netty/bootstrap/BootstrapConfig.java
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java
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