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1.5 bean-validation-api 2.0.1.Final

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1.6 event-stream 1.0.1

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1.7 feign-core 8.18.0

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* /feign-core-8-18-0-sources-jar/feign/QueryMap.java

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* /feign-core-8-18-0-sources-jar/feign/SynchronousMethodHandler.java
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* /feign-core-8-18-0-sources-jar/feign/Util.java
* /feign-core-8-18-0-sources-jar/feign/auth/BasicAuthRequestInterceptor.java
* /feign-core-8-18-0-sources-jar/feign/MethodMetadata.java
* /feign-core-8-18-0-sources-jar/feign/codec/EncodeException.java
*
 /feign-core-8-18-0-sources-jar/feign/FeignException.java
* /feign-core-8-18-0-sources-jar/feign/Contract.java
* /feign-core-8-18-0-sources-jar/feign/RetryableException.java
* /feign-core-8-18-0-sources-jar/feign/Feign.java
* /feign-core-8-18-0-sources-jar/feign/codec/ErrorDecoder.java
* /feign-core-8-18-0-sources-jar/feign/Client.java
* /feign-core-8-18-0-sources-jar/feign/Response.java
* /feign-core-8-18-0-sources-jar/feign/RequestTemplate.java
* /feign-core-8-18-0-sources-jar/feign/auth/Base64.java
* /feign-core-8-18-0-sources-jar/feign/Request.java
* /feign-core-8-18-0-sources-jar/feign/ReflectiveFeign.java
* /feign-core-8-18-0-sources-jar/feign/codec/StringDecoder.java
* /feign-core-8-18-0-sources-jar/feign/Logger.java
* /feign-core-8-18-0-sources-jar/feign/Retryer.java
* /feign-core-8-18-0-sources-jar/feign/Target.java
* /feign-core-8-18-0-sources-jar/feign/RequestInterceptor.java
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1.8 feign-jackson 8.18.0

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1.9 xerces-j 2.12.2

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* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogConfigurationException.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Log4JLogger.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
*
 /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/SimpleLog.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk14Logger.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogSource.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/NoOpLog.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogKitLogger.java
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/Log.java
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Found in path(s):
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/package.html
* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/package.html

1.12 asm 8.0.1

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* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ConstantDynamic.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/CurrentFrame.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodWriter.java
*
 /asm-8-0-1-sources-2-jar/org/objectweb/asm/AnnotationWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/RecordComponentVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Frame.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Type.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/TypeReference.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ModuleVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Handle.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/FieldVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Opcodes.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Handler.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassTooLargeException.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Constants.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodTooLargeException.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Attribute.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Symbol.java
*
 /asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassReader.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Edge.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/AnnotationVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ModuleWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/FieldWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/SymbolTable.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureReader.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Context.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ByteVector.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/RecordComponentWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/TypePath.java

1.13 lang-tag 1.5

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* /lang-tag-1-5-jar/META-INF/maven/com.nimbusds/lang-tag/pom.xml
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Manifest-Version: 1.0
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Build-Date: ${timestamp}
Bundle-SymbolicName: lang-tag
Build-Number: ${buildNumber}
Built-By: vd
Bnd-LastModified: 1589293063595
Specification-Title: Nimbus LangTag
Implementation-Vendor-Id: com.nimbusds
Bundle-DocURL: https://connect2id.com/
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Export-Package: com.nimbusds.langtag;version="1.5"
Bundle-Name: Nimbus LangTag
Build-Tag: 1.5
Build-Jdk-Spec: 1.8
Implementation-Title: Nimbus LangTag
Bundle-Description: Java implementation of "Tags for Identifying Langu
ages" (RFC 5646).
Implementation-Version: 1.5
Specification-Vendor: Connect2id Ltd.
Bundle-ManifestVersion: 2
Bundle-Vendor: Connect2id Ltd.
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: Connect2id Ltd.
Bundle-Version: 1.5.0
Created-By: Apache Maven Bundle Plugin
Specification-Version:
 1.5
Build-Jdk: 1.8.0_252

Found in path(s):
* /lang-tag-1-5-jar/META-INF/MANIFEST.MF

1.14 content-type 2.1

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* /content-type-2-1-sources-jar/com/nimbusds/common/contenttype/ContentType.java
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* /content-type-2-1-sources-jar/META-INF/maven/com.nimbusds/content-type/pom.xml

1.15 guice 5.0.1

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1.16 disruptor 3.4.4

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

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* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/Sequencer.java
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* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/SequenceGroups.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/Sequence.java
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 /disruptor-3-4-4-sources-jar/com/lmax/disruptor/Cursored.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/FixedSequenceGroup.java
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1.17 jnr-a64asm 1.0.0

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* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Offset.java

* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Mem.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Post_index.java
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* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Register.java
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* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/LABEL_STATE.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SerializerIntrinsics_a64.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/InstructionGroup.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CodeBuffer.java
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* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/InstructionDescription.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Shift.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SHIFT_ENUM.java
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* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SIZE.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CPU_A64.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Serializer.java
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* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Conditions.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Ext.java
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/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/RELOC_MODE.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/LinkData.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SYSREG_CODE.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/ExtendedValue.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SysRegDescription.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/INST_CODE.java

1.18 servlet-api 4.0.1

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 *
 * <p>This polynomial provides hamming distance of 8 for messages up to length 105 bits; we only
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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/QueryConsistencyException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/utils/MoreObjects.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/FunctionExecutionException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/NoSpeculativeExecutionPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/LoggingMonotonicTimestampGenerator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/FrameTooLongException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/CrcMismatchException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/NativeColumnType.java
*
 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/IdempotenceAwareRetryPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/SpeculativeExecutionPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SegmentToFrameDecoder.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/TransportException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/IndexMetadata.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Requests.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/WriteFailureException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ParseUtils.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/OverloadedException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SocketOptions.java
*
 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/utils/Bytes.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/UnavailableException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SegmentToBytesEncoder.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ServerSideTimestampGenerator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Statement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Assignment.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/UDTType.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Duration.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/BusyPoolException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/AlreadyExistsException.java
*
 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/StatementStart.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractTableMetadata.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/Drop.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/AbstractCreateStatement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SniSSLOptions.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ChainedResultSetFuture.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/OutboundTrafficMeter.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/UDTValue.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/CloudConfigFactory.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/PagingState.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/BatchStatement.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ReplicationFactor.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ColumnDefinitions.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/FramingFormatHandler.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/InboundTrafficMeter.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ChainableLoadBalancingPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ConvictionPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/CreateType.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/CreateIndex.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ProtocolOptions.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TranslatedAddressEndPoint.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/InvalidQueryException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TypeTokens.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/EndPointFactory.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/RollingCount.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SegmentCodec.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/RegularStatement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ExecutionInfo.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/QueryOptions.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Responses.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SegmentBuilder.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SchemaElement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Select.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/LocalDate.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Insert.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DataType.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/FrameCompressor.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ThreadingOptions.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/PoolingOptions.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/IdentityTranslator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ProtocolEvent.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DefaultPreparedStatement.java
*
/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/NettyUtil.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ProtocolV1Authenticator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ProtocolFeature.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SettableByNameData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/DefaultRetryPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/SchemaBuilder.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/RemoteEndpointAwareJdkSSLOptions.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/CBUtil.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/RemoteEndpointAwareSSLOptions.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/StatementWrapper.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/package-info.java
*

/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/NoHostAvailableException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/EventDebouncer.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/DropKeyspace.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Metrics.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Clock.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TokenRange.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/BoundStatement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/FallthroughRetryPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/LoggingRetryPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/FunctionMetadata.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/WriteTimeoutException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SimpleStatement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ClusterNameMismatchException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ColumnMetadata.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SchemaParser.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/Clock.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractGettableData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/WrappingEndPoint.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SchemaChangeListenerBase.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/PagingStateException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ExponentialReconnectionPolicy.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/ReadTimeoutException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/BuiltStatement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/IgnoreJDK6Requirement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ArrayBackedResultSet.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DriverThrowables.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MD5Digest.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SimpleJSONParser.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractGettableByIndexData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/HostFilterPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/CloseFuture.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ConstantReconnectionPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/BindMarker.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MaterializedViewMetadata.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Cluster.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Clause.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DirectedGraph.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SettableData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/RequestHandler.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/Policies.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/utils/UUIDs.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/UnauthorizedException.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MessageToSegmentEncoder.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ReconnectionPolicy.java

* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SettableByIndexData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/LatencyAwarePolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/TableOptions.java
* /cassandra-driver-core-3-11-0-sources-
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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/CreateKeyspace.java
* /cassandra-driver-core-3-11-0-sources-
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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SnappyCompressor.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Message.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Ordering.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ErrorAwarePolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Using.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ResultSet.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ResultSetFuture.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Delete.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SessionManager.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MetricsUtil.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DataTypeClassNameParser.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ExceptionCatchingRunnable.java
*
/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/StreamIdGenerator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AtomicMonotonicTimestampGenerator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/OperationTimedOutException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TableOptionsMetadata.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/AuthenticationException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ControlConnection.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/PreparedId.java
* /cassandra-driver-core-3-11-0-sources-
jar/com/datastax/driver/core/policies/DowngradingConsistencyRetryPolicy.java
* /cassandra-driver-core-3-11-0-sources-
jar/com/datastax/driver/core/policies/EC2MultiRegionAddressTranslator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MetricsOptions.java
*
/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/GettableByIndexData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/UnsupportedFeatureException.java

1.20 asm 9.2

1.20.1 Available under license :

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* /asm-9-2-sources-1-jar/org/objectweb/asm/RecordComponentVisitor.java
*
 /asm-9-2-sources-1-jar/org/objectweb/asm/Symbol.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/FieldVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/TypeReference.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Type.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/MethodTooLargeException.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Constants.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/signature/SignatureReader.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ByteVector.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/MethodWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/TypePath.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ClassTooLargeException.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Opcodes.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/RecordComponentWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/signature/SignatureWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Label.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Context.java
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 /asm-9-2-sources-1-jar/org/objectweb/asm/Handler.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/MethodVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ConstantDynamic.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Edge.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/AnnotationVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Attribute.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ClassVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Handle.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/CurrentFrame.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Frame.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ModuleVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ClassWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ClassReader.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/FieldWriter.java
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* /asm-9-2-sources-1-jar/org/objectweb/asm/signature/package.html

1.21 msal4j 1.10.1

1.21.1 Available under license :

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// Copyright (c) Microsoft Corporation. All rights reserved.
// Licensed under the MIT License.
/**
* Interface to be implemented when configuring http client for {@link IPublicClientApplication} or
* {@link IConfidentialClientApplication}.
*
* For more details, see https://aka.ms/msal4j-http-client
*/

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IHttpClient.java

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```
// Copyright (c) Microsoft Corporation. All rights reserved.
// Licensed under the MIT License.
/**
* Class to be used to acquire tokens for confidential client applications (Web Apps, Web APIs,

* and daemon applications).

* For details see {@link IConfidentialClientApplication}

* <p>

* Conditionally thread-safe
*/
/**
    * Creates instance of Builder of ConfidentialClientApplication

    *

    * @param clientId         Client ID (Application ID) of the application as registered

    *                         in the application registration portal (portal.azure.com)

    * @param clientCredential The client credential to use for token acquisition.

    * @return instance of Builder of ConfidentialClientApplication
    */
```

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* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ConfidentialClientApplication.java
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```

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/PublicApi.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ITelemetry.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthenticationErrorMessage.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/UserAssertion.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/MsalServiceException.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HttpResponse.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/TenantProfile.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AcquireTokenByOnBehalfOfSupplier.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/DeviceCodeFlowRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ThrottlingCache.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AcquireTokenByClientCredentialSupplier.java

*
 /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AADAuthority.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/Authority.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClientCertificate.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HTTPContentType.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AcquireTokenSilentSupplier.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthenticationResult.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthorizationResult.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ServiceBundle.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AppMetadataCacheEntity.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/MsalClientException.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IClientCertificate.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/InstanceDiscoveryMetadataEntry.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IHttpResponse.java
*
 /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthenticationErrorCode.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/MsalInteractionRequiredException.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClientInfo.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IntegratedWindowsAuthenticationParameters.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/RefreshTokenCacheEntity.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ParameterValidationUtils.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/UserDiscoveryRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ITokenCacheAccessAspect.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ADFSAuthority.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ResponseMode.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IllegalArgumentExceptionMessages.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/RequestContext.java
*
 /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/BindingPolicy.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/SAML11BearerGrant.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IClientSecret.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HttpMethod.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/RequestedClaim.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/EventKey.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/PublicClientApplication.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/CredentialTypeEnum.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/Event.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AcquireTokenByInteractiveFlowSupplier.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/UserNamePasswordParameters.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HttpListener.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/CacheTelemetry.java
*
 /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AadInstanceDiscoveryResponse.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/DeviceCode.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/SystemBrowserOptions.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/RegionTelemetry.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthorizationRequestUrlParameters.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/WSTrustVersion.java

* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/OnBehalfOfRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/UserDiscoveryResponse.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IAccount.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/WSTrustRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AccountsSupplier.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/B2CAuthority.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HttpUtils.java
*
 /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HttpEvent.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IClientAssertion.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IntegratedWindowsAuthenticationRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/InteractionRequiredExceptionReason.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IAcquireTokenParameters.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ITokenCacheAccessContext.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ErrorResponse.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/TokenCacheAccessContext.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AccessTokenCacheEntity.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/StringHelper.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/InteractiveRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/RequestedClaimAdditionalInfo.java
*
 /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/RefreshTokenRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/InteractiveRequestParameters.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IdToken.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthorizationResponseHandler.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AbstractMsalAuthorizationGrant.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/UserNamePasswordRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/Constants.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/DeviceCodeFlowParameters.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/SafeDocumentBuilderFactory.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/OAuthAuthorizationGrant.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HttpRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/SilentRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/TelemetryManager.java
*
 /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/NamespaceContextImpl.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClientAuthenticationPost.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HttpHeaders.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ITelemetryManager.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IPublicClientApplication.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/TokenResponse.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ApiEvent.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IntegratedWindowsAuthorizationGrant.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AcquireTokenByDeviceCodeFlowSupplier.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/RemoveAccountRunnable.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/OAuthHttpRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/CurrentRequest.java
*

/msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/MexParser.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/UserIdentifier.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ITenantProfile.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AadInstanceDiscoveryProvider.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/InteractionRequiredCache.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClientAssertion.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AzureCloudEndpoint.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IdTokenCacheEntity.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthenticationResultSupplier.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/DefaultEvent.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/DeviceCodeAuthorizationGrant.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthorityType.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/HttpHelper.java
*
/msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/JsonHelper.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClientCredentialRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IAuthenticationResult.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/TokenCache.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AccountCacheEntity.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthorizationCodeRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ITokenCache.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/MsalServiceExceptionFactory.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/TelemetryHelper.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/LogHelper.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/JwtHelper.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/XmsClientTelemetryInfo.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/TokenRequestExecutor.java
*
/msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/MsalRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/MsalException.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClientSecret.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/Prompt.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/WSTrustResponse.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/Account.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClaimsRequest.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IClientApplicationBase.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IClientCredential.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AcquireTokenByAuthorizationGrantSupplier.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IUserAssertion.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/OpenBrowserAction.java
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/TelemetryConstants.java
*
/msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/Credential.java
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/**

* Object containing parameters for refresh token request. Can be used as parameter to

* {@link PublicClientApplication#acquireToken(RefreshTokenParameters)} or to

* {@link ConfidentialClientApplication#acquireToken(RefreshTokenParameters)}

*

* RefreshTokenParameters should only be used for migration scenarios (when moving from ADAL to

* MSAL). To acquire tokens silently, use {@link
AbstractClientApplicationBase#acquireTokenSilently(SilentParameters)}
*/

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/RefreshTokenParameters.java
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/**
* Object containing parameters for client credential flow. Can be used as parameter to

* {@link ConfidentialClientApplication#acquireToken(ClientCredentialParameters)}
*/

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClientCredentialParameters.java
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/**
* Object containing parameters for On-Behalf-Of flow. Can be used as parameter to

* {@link ConfidentialClientApplication#acquireToken(OnBehalfOfParameters)}

*

* For more details, see https://aka.ms/msal4j-on-behalf-of
*/

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/OnBehalfOfParameters.java
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```
/**
* Interface representing a confidential client application (Web App, Web API, Daemon App).
* Confidential client applications are trusted to safely store application secrets, and therefore
* can be used to acquire tokens in then name of either the application or an user.
* For details see https://aka.ms/msal4jclientapplications
*/
/**
    * Acquires tokens from the authority configured in the application, for the confidential client
    * itself. It will by default attempt to get tokens from the token cache. If no tokens are found,
    * it falls back to acquiring them via client credentials from the STS
    * @param parameters instance of {@link ClientCredentialParameters}
    * @return {@link CompletableFuture} containing an {@link IAuthenticationResult}
    */
/**
    * Acquires an access token for this
 application (usually a Web API) from the authority configured
    * in the application, in order to access another downstream protected Web API on behalf of a user
    * using the On-Behalf-Of flow. It will by default attempt to get tokens from the token cache.
    * This confidential client application was itself called with an acces token which is provided in
    * the {@link UserAssertion} field of {@link OnBehalfOfParameters}.
    *
    * When serializing/deserializing the in-memory token cache to permanent storage, there should be
    * a token cache per incoming access token, where the hash of the incoming access token can be used
    * as the token cache key. Access tokens are usually only valid for a 1 hour period of time,
    * and a new access token in the {@link UserAssertion} means there will be a new token cache and
    * new token cache key. To avoid your permanent storage from being filled with expired
    * token caches, an eviction policy should be set. For
 example, a token cache that
    * is more than a couple of hours old can be deemed expired and therefore evicted from the
    * serialized token cache.
    * @param parameters instance of {@link OnBehalfOfParameters}
    * @return {@link CompletableFuture} containing an {@link IAuthenticationResult}
    */

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/IConfidentialClientApplication.java
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/**
* Abstract class containing common methods and properties to both {@link PublicClientApplication}

* and {@link ConfidentialClientApplication}.
*/

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AbstractClientApplicationBase.java
```

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/**
* Object containing parameters for silent requests. Can be used as parameter to

* {@link PublicClientApplication#acquireTokenSilently(SilentParameters)} or to

* {@link ConfidentialClientApplication#acquireTokenSilently(SilentParameters)}
*/

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/SilentParameters.java
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/**
* Object containing parameters for authorization code flow. Can be used as parameter to

* {@link PublicClientApplication#acquireToken(AuthorizationCodeParameters)} or to

* {@link ConfidentialClientApplication#acquireToken(AuthorizationCodeParameters)}
*/

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/AuthorizationCodeParameters.java
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/**
* Factory for creating client credentials used in confidential client flows. For more details, see
* https://aka.ms/msal4j-client-credentials
*/

Found in path(s):
* /msal4j-1-10-1-sources-jar/com/microsoft/aad/msal4j/ClientCredentialFactory.java

1.22 jnr-constants 0.10.3

1.22.1 Available under license :

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* /jnr-constants-0-10-3-sources-jar/jnr/constants/Constant.java
* /jnr-constants-0-10-3-sources-jar/jnr/constants/ConstantSet.java
* /jnr-constants-0-10-3-sources-jar/jnr/constants/platform/ConstantResolver.java
* /jnr-constants-0-10-3-sources-jar/jnr/constants/PlatformConstants.java

1.23 commons-dbcp 2.9.0

1.23.1 Available under license :

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1.24 commons-pool 2.10.0

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1.25 metrics 4.2.7

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Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics
Build-Jdk-Spec: 11
Bundle-Description: Metrics is a Java library which gives you unparall
eled insight into what your code does in production. Metrics p
rovides a powerful toolkit of ways to measure the behavior of critica
l components in your production environment.

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Bundle-ManifestVersion: 2
Bundle-Name: Metrics Core
Bundle-SymbolicName: io.dropwizard.metrics.core
Bundle-Version: 4.2.7
Created-By: Apache Maven Bundle Plugin
Export-Package: com.codahale.metrics;uses:="org.slf4j";version="4.2.7"
Implementation-Title: Metrics Core
Implementation-Version: 4.2.7
Import-Package: org.slf4j;version="[1.6.0,2.0.0)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-5.1.1.202006162103

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* /metrics-core-4-2-7-jar/META-INF/MANIFEST.MF

1.26 jcip-annotation 1.0-1

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* /jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/NotThreadSafe.java
* /jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/ThreadSafe.java
* /jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/GuardedBy.java

1.27 mssql-jdbc 9.4.1.jre8

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1.28 jnr-posix 3.1.15

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* /feign-gson-8-18-0-sources-jar/feign/gson/GsonFactory.java
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1.30 asm-tree 9.2

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* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/InnerClassNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/MethodInsnNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/RecordComponentNode.java
*
 /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/ClassNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LineNumberNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/ParameterNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/VarInsnNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/Util.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/MethodNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/IntInsnNode.java
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1.31 asm-commons 9.2

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/**
  * Constructs a new {@link AnnotationRemapper}. <i>Subclasses must not use this constructor</i>.
  * Instead, they must use the {@link #AnnotationRemapper(int,String,AnnotationVisitor,Remapper)}
  * version.
  *
  * @param descriptor the descriptor of the
 visited annotation. May be {@literal null}.
  * @param annotationVisitor the annotation visitor this remapper must delegate to.
  * @param remapper the remapper to use to remap the types in the visited annotation.
  */
```

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/**
  * Constructs a new {@link LocalVariablesSorter}. <i>Subclasses must not use this constructor</i>.
  * Instead, they must use the {@link #LocalVariablesSorter(int, int, String, MethodVisitor)}
  * version.
  *
  * @param access access flags of the adapted
 method.
  * @param descriptor the method's descriptor (see {@link Type}).
```

```
 * @param methodVisitor the method visitor to which this adapter delegates calls.
 * @throws IllegalStateException if a subclass calls this constructor.
 */
```

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* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/MethodRemapper.java
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 /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ModuleHashesAttribute.java
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* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ClassRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/AnalyzerAdapter.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ModuleResolutionAttribute.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ModuleRemapper.java
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* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/RecordComponentRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ModuleTargetAttribute.java
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/**
  * Constructs 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 methodVisitor the method visitor
 to which this adapter delegates calls.
  * @param access the method's access flags (see {@link Opcodes}).
  * @param name the method's name.
  * @param descriptor the method's descriptor (see {@link Type}).
  * @throws IllegalStateException if a subclass calls this constructor.
  */
```

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/**
  * Constructs a new {@link SerialVersionUIDAdder}. <i>Subclasses must not use this
  * constructor</i>. Instead, they must use the {@link #SerialVersionUIDAdder(int, ClassVisitor)}
  * version.
  *
  * @param classVisitor a {@link ClassVisitor} to which
 this visitor will delegate calls.
  * @throws IllegalStateException If a subclass calls this constructor.
  */
```

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1.32 asm-analysis 9.2

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/**
  * Constructs a new {@link SourceInterpreter} for the latest ASM API version. <i>Subclasses must
  * not use this constructor</i>. Instead, they must use the {@link #SourceInterpreter(int)}
  * version.
  */
```

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/**
  * Constructs a new {@link BasicInterpreter} for the latest ASM API version. <i>Subclasses must
  * not use this constructor</i>. Instead, they must use the {@link #BasicInterpreter(int)}
  * version.
  */
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* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/SourceValue.java
*
 /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/Value.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/Frame.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
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1.33 asm-util 9.2

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* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/ASMifier.java
*
 /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckRecordComponentAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckModuleAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceRecordComponentVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckMethodAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/Printer.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/Textifier.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceClassVisitor.java
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1.34 lombok 1.18.24

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1.35 metrics-jmx 4.2.7

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

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1.38 mongodb-driver-core 4.6.1

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* https://github.com/marianobarrios/tls-channel
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/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/async/ExtendedAsynchronousByteChannel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/async/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/TrackingAllocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsReadException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelFlowControlException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/BufferAllocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/DirectBufferAllocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/spi/dns/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/ServerTlsChannel.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/HeapBufferAllocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelBuilder.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelCallbackException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/util/Util.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannelGroup.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferUtil.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/SniSslContextFactory.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/ClientTlsChannel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TlsExplorer.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/impl/BufferHolder.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsWriteException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/util/DirectBufferDeallocator.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/WriteConcernHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ServerApiVersion.java
*
 /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/lang/NonNull.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/lang/Nullable.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/ReadConcernAwareNoOpSessionContext.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/ServerVersionHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ReadPreferenceHedgeOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ReadConcernHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/client/AsyncClientSession.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/lang/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/lang/NonNullApi.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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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/AbortTransactionOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ByteBufferBsonOutput.java
*
 /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ServerVersion.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/AsyncExplainableReadOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/AggregateToCollectionOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/BucketOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Compressor.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/gridfs/codecs/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/AsyncAggregateResponseBatchCursor.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/inject/SameObjectProvider.java
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 /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/UpdateManyModel.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/changestream/ChangeStreamDocument.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ReplyHeader.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/AsyncCompletionHandler.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoServerException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SdamServerDescriptionManager.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CollationMaxVariable.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/BsonDocumentWrapperHelper.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/TimeSeriesOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/Polygon.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/client/package-info.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/CommandEvent.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/DeleteOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ClusterListener.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Variable.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/FindAndReplaceOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/UnwindOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Cluster.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CountOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/ValidationAction.java
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/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/TransactionOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/VisibleForTesting.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/selector/ServerAddressSelector.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CommandMessage.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/diagnostics/logging/Loggers.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/session/BaseClientSessionImpl.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ServerDescription.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoSocketReadTimeoutException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/Timeout.java

* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/FindAndUpdateOperation.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/StreamFactory.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/netty/NettyStream.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionAddedEvent.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SaslAuthenticator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Time.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/BulkWriteBatchCombiner.java
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jar/com/mongodb/internal/operation/EstimatedDocumentCountOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/MapReduceToCollectionOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/MessageSettings.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DnsSrvRecordMonitorFactory.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/LoadBalancedServer.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Server.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/InternalConnectionPoolSettings.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/BaseWriteOperation.java
*
 /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/AutoEncryptionSettings.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/management/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CompressedHeader.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ServerTuple.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/inject/Provider.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/bulk/DeleteRequest.java
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1.39 mongodb-driver-sync 4.6.1

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* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoCollectionImpl.java
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 /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MapReduceIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSFindIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/Crypts.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSUploadStream.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoClient.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/package-info.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ListDatabasesIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MapReduceIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSBuckets.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/package-info.java
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 /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoClientImpl.java
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* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoCursor.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoChangeStreamCursorImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSBucket.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/AggregateIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoCollection.java

* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/DistinctIterable.java
*
 /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSFindIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/vault/package-info.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ListCollectionsIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ChangeStreamIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoClientDelegate.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ListDatabasesIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ListIndexesIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/CollectionInfoRetriever.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/CommandMarker.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSDownloadStream.java
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* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MappingIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ListIndexesIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/FindIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ClientEncryptionImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ChangeStreamIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoClients.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/CryptBinding.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoClientFactory.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/vault/ClientEncryption.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/Crypt.java
*
 /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/SynchronousContextProvider.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSUploadStreamImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSBucketImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/CryptConnection.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/KeyRetriever.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/OperationExecutor.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/AggregateIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoBatchCursorAdapter.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/FindIterableImpl.java
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* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ClientSessionImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ClientSession.java
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1.40 jffi 1.3.10

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*/

Found in path(s):
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteRequestBuilder.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBList.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/CompoundDBObjectCodec.java

* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBObjectCollationHelper.java
*
 /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCursor.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteResult.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MongoClientOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/GridFSDBFile.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/package-info.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCreateViewOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MongoCursorAdapter.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/InsertRequest.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionCountOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteError.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBEncoderAdapter.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBEncoder.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteUpsert.java
*
 /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBDecoderAdapter.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkUpdateRequestBuilder.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionRemoveOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBEncoderFactoryAdapter.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/ReplaceRequest.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/UpdateRequest.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCollection.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/Cursor.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DB.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCallbackFactory.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MapReduceOutput.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MongoClientURI.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/QueryOperators.java
*
 /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBDecoder.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBObjects.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/jndi/package-info.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBObject.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/GridFSInputFile.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteOperation.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBDecoderFactory.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DefaultDBCallback.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/AggregationOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBCallback.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/UnacknowledgedBulkWriteResult.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/WriteRequest.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionFindOptions.java
*
 /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBEncoderFactory.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCollectionObjectFactory.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBEncoder.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/CommandResult.java

* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBDecoder.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/jndi/MongoClientFactory.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/GridFSFile.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionFindAndModifyOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionDistinctOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/InsertOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DefaultDBDecoder.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteHelper.java
*
/mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MapReduceCommand.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/RemoveRequest.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/WriteResult.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/GridFS.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MongoClient.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/QueryBuilder.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteException.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionUpdateOptions.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/WriteConcernError.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCallback.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/AcknowledgedBulkWriteResult.java
* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DefaultDBEncoder.java

1.42 metrics-annotation 4.2.7

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1.46 error_prone_annotations 2.18.0

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Found in path(s):
* /error-prone-annotations-2-18-0-jar/META-INF/maven/com.google.errorprone/error_prone_annotations/pom.xml

1.47 gson 2.10.1

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Manifest-Version: 1.0
Created-By: 11.0.16.1 (Azul Systems, Inc.)
Build-Jdk-Spec: 11
Bnd-LastModified: 1673019830620
Bundle-ContactAddress: https://github.com/google/gson
Bundle-Description: Gson JSON library
Bundle-Developers: google;organization=Google;organizationUrl="https://w
ww.google.com"
Bundle-DocURL: https://github.com/google/gson/gson

Bundle-License: "Apache-2.0";link="https://www.apache.org/licenses/LICEN
SE-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: Gson
Bundle-RequiredExecutionEnvironment: JavaSE-1.7, JavaSE-1.8
Bundle-SCM: url="https://github.com/google/gson/gson/",connection="scm:g
it:https://github.com/google/gson.git/gson",developer-connection="scm:g
it:git@github.com:google/gson.git/gson",tag="gson-parent-2.10.1"
Bundle-SymbolicName: com.google.gson
Bundle-Vendor: Google Gson Project
Bundle-Version: 2.10.1
Export-Package: com.google.gson;uses:="com.google.gson.reflect,com.googl
e.gson.stream";version="2.10.1",com.google.gson.annotations;version="2.
10.1",com.google.gson.reflect;version="2.10.1",com.google.gson.stream;v
ersion="2.10.1"
Import-Package: sun.misc;resolution:=optional,com.google.gson.annotation
s
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-6.4.0.202211291949
Multi-Release: true

Found in path(s):
* /gson-2-10-1-jar/META-INF/MANIFEST.MF

1.48 apache-log4j 2.20.0

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1.49 log4j-api 2.20.0

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Found in path(s):

* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/AbstractReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Type.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Runtime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/AbstractNumberReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Memory.java
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Found in path(s):
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmClassLoader.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/AbstractMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/FromNativeContext.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/TypeMapper.java
*
 /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/PointerByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Library.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/ToNativeContext.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/X86_64StubCompiler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AllocatedDirectMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Clear.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ARM_64StubCompiler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/CallingConvention.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/CodegenUtils.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/NativeLongByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Direct.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmRuntime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/MethodParameterContext.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/SkinnyMethodAdapter.java
*
 /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/AbstractRuntime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmLibraryLoader.java

* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/BufferUtil.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/BadType.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/InvokerUtil.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Address.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/MethodResultContext.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/DelegatingMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/NativeLong.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmUtil.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/FloatByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeRuntime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/Provider.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/StdCall.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/IdentityFunctionMapper.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/EnumMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/JNINativeInterface.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/X86_32StubCompiler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/SaveError.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/NulTerminate.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ByteBufferMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Out.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/AddressByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/DoubleByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/ShortByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/FunctionMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/AbstractBufferMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/BoundedMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/JNIInvokeInterface.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeMemoryManager.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Synchronized.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/AbstractArrayMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Platform.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/DataConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/IgnoreError.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/LongLongByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/SymbolNotFoundError.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/InAccessibleMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Transient.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/LoadedLibrary.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NumberUtil.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/ToNativeConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Pinned.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/StubCompiler.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AbstractA64StubCompiler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/NullTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/In.java

* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/LibraryOption.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/NullMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/InvocationSession.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AbstractX86StubCompiler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/MemoryManager.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/Invoker.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Meta.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeLibrary.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/LastError.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/ShareMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/ByReference.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/ParameterFlags.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/DirectMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ArrayMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/MemoryUtil.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/LibraryLoader.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/ByteByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/FromNativeConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/IntByReference.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/DefaultInvokerFactory.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/NativeInvocationHandler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Pointer.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc64le/linux/TypeAliases.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizableSoftReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizablePhantomReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizableReference.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizableReferenceQueue.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedLong32ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NoTrace.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Variable.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/NumberByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/solaris/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/darwin/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NotImplMethodGenerator.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/sparc/solaris/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc64/aix/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/SignatureTypeMapperAdapter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/int8_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/u_int32_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StringBuilderParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/arm/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedBooleanArrayParameterConverter.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/time_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Encoding.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeFinalizer.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/sa_family_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ClosureTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/ToNativeType.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/CompositeTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/fsblkcnt_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/int32_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedShortArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/mips/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/uid_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/key_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/SignatureType.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/SimpleNativeContext.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StringResultConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/aarch64/darwin/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/mips64el/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/AbstractSignatureTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/windows/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/CachingTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/uintptr_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/Util.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/swblk_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StructByReferenceFromNativeConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/darwin/TypeAliases.java
*

/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/TransientNativeMemory.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/nlink_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StructByReferenceToNativeConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/socklen_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedFloatArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc64/ibmi/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/TypeAlias.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/dev_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/PointerParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/DefaultSignatureType.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NullObjectParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeFunctionMapperContext.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/InvalidProvider.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/Annotations.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/DefaultTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/in_addr_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/openbsd/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/windows/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedDoubleArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/size_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/NativeLongConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NoX86.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/ino_t.java
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/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/LocalVariableAllocator.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/HeapBufferParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc/aix/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/mode_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedIntegerArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ReflectionVariableAccessorGenerator.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/Pointer32ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/SignatureTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/openbsd/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/TypeDefinition.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/Pointer64ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/blkcnt_t.java
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/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/u_int16_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/gid_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/in_port_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/NativeLong64ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/midnightbsd/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/LocalVariable.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/off_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc/darwin/TypeAliases.java

* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/PrimitiveArrayParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/int64_t.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/intptr_t.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/id_t.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/mipsel/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/CompositeFunctionMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/Long32ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/EnumSetConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/u_int64_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/InvalidRuntime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/ByReferenceParameterConverter.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/Util.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/s390x/linux/TypeAliases.java
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Jackson JSON processor

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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1.56 free-type 2.13.2

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src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h

src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/ftzconf.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
subprojects/dlg
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*
 /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcConstants.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcPipeHandle.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/UUID.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcShareEnum.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcHandle.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrHyper.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrBuffer.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrLong.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcError.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcShareGetInfo.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/LsaPolicyHandle.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrException.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcBinding.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/UnicodeString.java
*
 /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcBind.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcLookupSids.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcException.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcLsarOpenPolicy2.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrObject.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrSmall.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcMessage.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrShort.java
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package jcifs.smb;

class SmbComEcho extends ServerMessageBlock {

  int echoCount;

   SmbComEcho( int echoCount ) {
      command = SMB_COM_ECHO;
      this.echoCount = echoCount;
  }

  int writeParameterWordsWireFormat( byte[] dst, int dstIndex ) {
      writeInt2( echoCount, dst, dstIndex );
      return 2;
  }
  int writeBytesWireFormat( byte[] dst, int dstIndex ) {
      dst[dstIndex] = (byte)'M';
      return 1;
  }
  int readParameterWordsWireFormat( byte[] buffer, int bufferIndex ) {
      return 0;
  }
  int readBytesWireFormat( byte[] buffer, int bufferIndex ) {
      return 0;
  }
  public String toString() {
      return new String( "SmbComEcho[" +
          super.toString() +
          ",echoCount=" + echoCount + "]" );
  }
}
```

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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComTreeConnectAndX.java
*
 /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComSessionSetupAndX.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbException.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcQueryInformationPolicy.java
*
 /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcSamrOpenAlias.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/SamrAliasHandle.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/SamrDomainHandle.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcSamrConnect2.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcGetMembersInAlias.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/SamrPolicyHandle.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcEnumerateAliasesInDomain.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcSamrOpenDomain.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcSamrConnect4.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/Type3Message.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/Type2Message.java
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*/

package jcifs.smb;

import jcifs.Config;

public class BufferCache {
```

```
  private
static final int MAX_BUFFERS = Config.getInt( "jcifs.smb.maxBuffers", 16 );

  static Object[] cache = new Object[MAX_BUFFERS];
  private static int freeBuffers = 0;

  private static byte[] getBuffer0() {
     byte[] buf;

     if (freeBuffers > 0) {
        for (int i = 0; i < MAX_BUFFERS; i++) {
           if( cache[i] != null ) {
              buf = (byte[])cache[i];
              cache[i] = null;
              freeBuffers--;
              return buf;
           }
        }
     }

     buf = new byte[SmbComTransaction.TRANSACTION_BUF_SIZE];

     return buf;
  }

  static void getBuffers( SmbComTransaction req,
                SmbComTransactionResponse rsp ) throws InterruptedException {
     synchronized( cache ) {
        if (freeBuffers < 2) {
           /* The first time this is called we always wait because freeBuffers
            * will be 0. But after a few calls to releaseBuffer, threads
will
            * no longer wait.
            */
           cache.wait(100);
        }
        req.txn_buf = getBuffer0();
        rsp.txn_buf = getBuffer0();
     }
  }
  static public byte[] getBuffer() throws InterruptedException {
     synchronized( cache ) {
        if (freeBuffers < 1) {
           cache.wait(100);
        }
        return getBuffer0();
     }
```

```
  }
  static public void releaseBuffer( byte[] buf ) {
     synchronized( cache ) {
        for (int i = 0; i < MAX_BUFFERS; i++) {
           if (cache[i] == null) {
              cache[i] = buf;
              freeBuffers++;
              cache.notify();
              return;
           }
        }
     }
  }
}
```

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package jcifs.smb;

class SmbComCheckDirectory extends ServerMessageBlock {


 String directoryPath;

  SmbComCheckDirectory( String directoryPath ) {
     command = SMB_COM_CHECK_DIRECTORY;
     this.directoryPath = directoryPath;
  }
```

```
  int writeParameterWordsWireFormat( byte[] dst, int dstIndex ) {
     return 0;
  }
  int writeBytesWireFormat( byte[] dst, int dstIndex ) {
     int start = dstIndex;

     dst[dstIndex++] = (byte)0x04;
     dstIndex += writeString( directoryPath, dst, dstIndex );

     return dstIndex - start;
  }
  int readParameterWordsWireFormat( byte[] buffer, int bufferIndex ) {
     return 0;
  }
  int readBytesWireFormat( byte[] buffer, int bufferIndex ) {
     return 0;
  }
  public String toString() {
     return new String( "SmbComCheckDirectory[" +
        super.toString() +
        ",directoryPath=" + directoryPath + "]" );
  }
}
```

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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComCheckDirectory.jav
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package jcifs.smb;

class SmbComEchoResponse extends ServerMessageBlock {

  int
 sequenceNumber;

  SmbComEchoResponse() {
  }

  int writeParameterWordsWireFormat( byte[] dst, int dstIndex ) {
     return 0;
  }
  int writeBytesWireFormat( byte[] dst, int dstIndex ) {
     return 0;
  }
  int readParameterWordsWireFormat( byte[] buffer, int bufferIndex ) {
     sequenceNumber = readInt2( buffer, bufferIndex );
     return 2;
  }
  int readBytesWireFormat( byte[] buffer, int bufferIndex ) {
     return 1;
  }
  public String toString() {
     return new String( "SmbComEchoResponse[" +
        super.toString() + "]" );
  }
}
```

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*
 /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/NtlmMessage.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/http/NtlmServlet.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/Type1Message.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/http/Handler.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/https/Handler.java
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 path(s):
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/util/Hexdump.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/Name.java
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*/
/**
   * Specifies that
 communication across the authenticated channel
   * should be encrypted (message confidentiality).
   */

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 /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/DosError.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/WinError.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/DosFileFilter.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbRandomAccessFile.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2GetDfsReferralResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComWriteResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2SetFileInformationResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComWrite.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/DfsReferral.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NameServiceClient.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2QueryFSInformation.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComWriteAndXResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/SocketInputStream.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComQueryInformation.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComReadAndX.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NbtAddress.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Handler.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComDeleteDirectory.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComWriteAndX.java
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/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbTree.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2QueryPathInformationResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/UniAddress.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComOpenAndXResponse.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComBlankResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComDelete.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/SocketOutputStream.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNTCreateAndX.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2QueryPathInformation.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NetShareEnumResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransactNamedPipeOutputStream.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransTransactNamedPipe.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/SessionServicePacket.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/BufferCache.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NetShareEnum.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbFileInputStream.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransWaitNamedPipeResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransCallNamedPipeResponse.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/http/NetworkExplorer.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransPeekNamedPipeResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/util/MimeMap.java
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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNtTransactionResponse.java
*
 /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNtTransaction.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SecurityDescriptor.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NtTransQuerySecurityDescResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NtTransQuerySecurityDesc.java
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/* HMACT64 keyed hashing algorithm
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1.59 bson 4.6.1

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1.60 zt 1.13

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* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/ZipLong.java
*
 /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/ZipExtraField.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/ExtraFieldUtils.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/ZipShort.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/UnrecognizedExtraField.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/AsiExtraField.java
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* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/commons/IOUtils.java
*
 /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/commons/FileUtilsV2_2.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/commons/FileExistsException.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/commons/FilenameUtils.java
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* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZTFileUtil.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipEntrySource.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipUtil.java
*
/zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipInfoCallback.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/timestamps/PreJava8TimestampStrategy.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ByteSource.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/timestamps/TimestampStrategy.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/timestamps/TimestampStrategyFactory.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipEntryCallback.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipEntryUtil.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/IdentityNameMapper.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/timestamps/Java8TimestampStrategy.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/FileSource.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/NameMapper.java

1.61 ojdbc8 23.3.0.23.09

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1.62 jackson-databind 2.16.1

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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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
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1.68 jsch 0.2.17

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1.71 postgre-sql 42.7.2

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1.72 commons-codec 1.17.1

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Mesa 3-D Graphics Library v21.0.3

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****

---
include/GL/gl.h :

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```
## Bert Belder: wepoll v 1.5.8

### wepoll License
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wepoll - epoll for Windows
https://github.com/piscisaureus/wepoll

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pkgver=2.5
pkgrel=0
pkgdesc="Public keys for Alpine Linux packages"
url="https://alpinelinux.org"
# we install arch specific keys to /etc so we cannot do arch=noarch
arch="all"
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# 1.75 vault-java-driver 5.4.0

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* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/ParseException.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonParser.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonValue.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonArray.java
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* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/PrettyPrint.java
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*
* JSON parsing functionality. The classes in this package are adapted from Ralf Sternberg's
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*/

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1.76 zlib 1.3.1-r2

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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/WireFormat.java
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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageSchema.java
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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapEntry.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedInputStreamReader.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcChannel.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtocolMessageEnum.java
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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLite.java
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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyStringArrayList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaFull.java
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1.78 commons-io 2.17.0

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1.79 asm 9.7.1

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* /asm-9-7-1-sources-jar/org/objectweb/asm/Handler.java
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Mesa 3-D Graphics Library v21.0.3

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Component Location License

Main Mesa code src/mesa/ MIT
Device drivers src/mesa/drivers/* MIT, generally

Gallium code src/gallium/ MIT

Ext headers GL/glext.h Khronos
GL/glxext.h Khronos
GL/wglext.h Khronos
KHR/khrplatform.h Khronos

****

---
include/GL/gl.h :

Mesa 3-D
graphics library

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---
include/GL/glext.h
include/GL/glxext.h

include/GL/wglxext.h :

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## GIFLIB v5.2.2

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tree/README

== Authors ==

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uncompressed gif writing code
former maintainer

Eric Raymond <esr[AT]snark.thyrsus.com>
current as well as long time former maintainer of giflib code

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tree/openbsd-reallocarray.c

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```
## Bert Belder: wepoll v 1.5.8

### wepoll License
```
wepoll - epoll for Windows
https://github.com/piscisaureus/wepoll

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```
```

1.83 oauth2-oidc-sdk 9.20

1.83.1 Available under license :

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* under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the
* specific language governing permissions and limitations under the License.
*/
/**
* OpenID Connect client information. Encapsulates the registration and
* metadata details of an OpenID Connect client:
*
* <ul>
*     <li>The client identifier.
*     <li>The client OpenID Connect metadata.
*     <li>The optional client secret for a confidential client.
*
  <li>The optional registration URI and access token if dynamic client
*         registration is permitted.
* </ul>
*
* <p>Related specifications:
*
* <ul>
*     <li>OpenID Connect Dynamic Client Registration 1.0.
*     <li>OAuth 2.0 Dynamic Client Registration Protocol (RFC 7591), section
*         3.2.1.
*     <li>OAuth 2.0 Dynamic Client Registration Management Protocol (RFC
*         7592), section 3.
* </ul>
*/
```

Found in path(s):

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/OIDCClientInformation.java

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* specific language governing permissions and limitations under the License.
*/
/**
* Token revocation request. Used to revoke an issued access or refresh token.
*
* <p>Example token revocation request for a confidential client:
*
* <pre>
* POST /revoke HTTP/1.1
* Host: server.example.com
* Content-Type: application/x-www-form-urlencoded
* Authorization: Basic
 czZCaGRSa3F0MzpnWDFmQmF0M2JW
*
* token=45ghiukldjahdnhzdauz&amp;token_type_hint=refresh_token
* </pre>
*
* <p>Example token revocation request for a public client:
*
* <pre>
* POST /revoke HTTP/1.1
* Host: server.example.com
* Content-Type: application/x-www-form-urlencoded
*
* token=45ghiukldjahdnhzdauz&amp;token_type_hint=refresh_token&amp;client_id=123456
* </pre>
*
* <p>Related specifications:
*
* <ul>
*     <li>OAuth 2.0 Token Revocation (RFC 7009), section 2.1.
* </ul>
```

```
*/
/**
  * Creates a new token revocation request for a confidential client.
  *
  * @param uri        The URI of the token revocation endpoint. May be
  *                   {@code null} if the {@link #toHTTPRequest} method
  *                   will not be used.
  * @param clientAuth The client authentication. Must not be
  *                   {@code null}.
  * @param token      The access or refresh token to revoke. Must not be
  *                   {@code null}.
  */
// confidential client
```

Found
in path(s):
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenRevocationRequest.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /oauth2-oidc-sdk-9-20-sources-1-jar/META-INF/maven/com.nimbusds/oauth2-oidc-sdk/pom.xml
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*/
/**
  * Creates a new request object POST request where the parameters are
  * submitted as plain JSON object, and the client authenticates by
  * means of mutual TLS. TLS also ensures the integrity and
  * confidentiality of the request parameters. This method is not
  * standard.
  *
```

```
 *
@param uri            The URI of the request object endpoint. May
 *                    be {@code null} if the
 *                    {@link #toHTTPRequest} method will not be
 *                    used.
 * @param tlsClientAuth     The mutual TLS client authentication. Must
 *                    not be {@code null}.
 * @param requestJSONObject The request parameters as plain JSON
 *                    object. Must not be {@code null}.
 */
```

Found in path(s):
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/RequestObjectPOSTRequest.java
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*/
```

Found in path(s):
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/TrustChainResolver.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/statement/InvalidSoftwareStatementException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityStatementClaimsVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/FetchEntityStatementErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/DPoPUtils.java

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/TrustNegotiationErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/MetadataPolicyEntry.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/DefaultPolicyOperationCombinationValidator.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/ConfigurationType.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/TrustChainSet.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingSpec.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/factories/RPMetadataPolicyFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/DefaultTrustChainRetriever.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/EntityMetadataValidator.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/ExactMatchEntityIDConstraint.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/TrustChainConstraints.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/DPoPProofFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/TrustNegotiationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/PolicyOperationFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/FederationMetadataType.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/EntityIDConstraint.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/registration/ExplicitClientRegistrationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/FetchEntityStatementResponse.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/language/PolicyOperationApplication.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/TrustChain.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/DefaultDPoPProofFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/statement/SoftwareStatementProcessor.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/TrustNegotiationResponse.java

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/registration/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/factories/package-info.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/FetchEntityStatementRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/TrustNegotiationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityRole.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/SubtreeEntityIDConstraint.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/PolicyOperationCombinationValidator.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/statement/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/OperationType.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/FederationAPIRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/ResolveException.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/AuthRequestID.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/ClaimsSetRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/FederationAPIError.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/EntityStatementRetriever.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/OIDCClaimsRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/TrustChainRetriever.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/op/EndpointName.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/factories/DefaultRPMetadataPolicyFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/marks/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/MetadataPolicy.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/FetchEntityStatementSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/claims/VerifiedClaimsSetRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/DefaultEntityStatementRetriever.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/WellKnownPathComposeStrategy.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityStatement.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/registration/ClientRegistrationType.java
*

/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/InvalidEntityMetadataException.java
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*/
/**
  * Authorisation code. Client authentication required only for
  * confidential clients.
  */
/**
  * Refresh token. Client authentication required only for confidential
  * clients.
  */
/**
  * Password. Client authentication required only for confidential
  * clients.
  */
```

Found in
path(s):
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/GrantType.java
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```
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* oauth2-oidc-sdk
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AuthorizationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/evidences/QESEvidence.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/verifier/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/claims/Birthplace.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AbstractRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/config/package-info.java

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/http/HTTPResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/Actor.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/Gender.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/jarm/JARMUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/oauth2/sdk/auth/verifier/JWTAuthenticationClaimsSetVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-
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/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/jwt/JWTAssertionFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/OIDCScopeValue.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/device/DeviceAuthorizationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-
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* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/rp/OIDCClientRegistrationResponseParser.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/OIDCTokenResponseParser.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/language/PolicyConfiguration.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/BackChannelLogoutRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/token/package-info.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientMetadata.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/verifier/Context.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/jwt/JWTAssertionDetailsVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/assurance/evidences/IdentityEvidenceType.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/AccessToken.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/RequestObjectPOSTResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/language/BooleanOperation.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/config/FederationEntityConfigurationErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/entities/FederationEntityMetadata.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/evidences/IdentityVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/claims/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/id/InvalidPairwiseSubjectException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/Scope.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/tls/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/id/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AbstractOptionallyAuthenticatedRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenIntrospectionRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/UserInfoRequest.java

*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/language/BooleanConfiguration.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/IDTokenClaimsVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/Message.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/PushedAuthorizationErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAGrant.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/verifier/PKIClientX509CertificateBindingVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/Role.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/ClientSecretJWT.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/jose/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/saml2/SAML2AssertionDetails.java
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/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/TokenEncoding.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/PushedAuthorizationResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AbstractOptionallyIdentifiedRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/StateHash.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/OIDCResponseTypeValidator.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/PersonClaims.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/SerializeException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/saml2/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/UserInfoErrorResponse.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/jwt/JWTAssertionDetails.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/pkce/CodeVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/AuthenticationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/device/DeviceAuthorizationGrantError.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/UserInfo.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/verifier/ClientX509CertificateBindingVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/ClaimType.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/TypelessAccessToken.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/PlainClientSecret.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/id/HashBasedPairwiseSubjectCodec.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ProtectedResourceRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/DPoPTokenError.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/VerificationProcess.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/ClaimsTransport.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/http/HTTPEndpoint.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/AssertionDetails.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/saml2/SAML2Utils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/AuthorizationCodeValidator.java

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/Tokens.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenIntrospectionSuccessResponse.java
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 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/AuthenticationErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/AuthorizedParty.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/IdentityVerification.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/JWTAuthenticationClaimsSet.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/SoftwareID.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/Issuer.java
* /oauth2-oidc-sdk-9-20-sources-1-
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* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityStatementClaimsSet.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/id/SectorIDURIValidator.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/ClientAuthentication.java
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 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/OIDCClientRegistrationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/RefreshTokenGrant.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/JWTID.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/MultivaluedMapUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/date/SimpleDate.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/SuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/SupersetOfOperation.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientRegistrationResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/secevent/sdk/claims/package-info.java
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 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/Utils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AbstractAuthenticatedRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/as/AuthorizationServerMetadata.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/IDTokenClaimsSet.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/DistributedClaims.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/ResourceUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityID.java
* /oauth2-oidc-sdk-9-20-sources-1-
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 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/PushedAuthorizationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/jwt/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/claims/VerifiedClaimsSet.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AbstractConfigurationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/verifier/InvalidClientException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/op/package-info.java

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/Request.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ErrorObject.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/validators/LogoutTokenClaimsVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ResourceOwnerPasswordCredentialsGrant.java
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 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/StateValidator.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/device/DeviceAuthorizationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/op/OIDCProviderMetadata.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/Nonce.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/id/PairwiseSubjectCodec.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/ClientAuthenticationMethod.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/AuthenticationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/AccessTokenValidator.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/pkce/CodeChallengeMethod.java
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```
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* oauth2-oidc-sdk
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* under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the
* specific language governing permissions and limitations under the License.
*/
/**
  * Creates a new authenticated pushed authorisation request for a
  * confidential client.
  *
  * @param uri         The URI of the token endpoint. May be
  *                    {@code null} if the {@link #toHTTPRequest}
  *                    method will not be used.
  * @param clientAuth
   The client authentication. Must not be
  *                    {@code null}.
  * @param authzRequest The authorisation request. Must not be
```

```
 *                  {@code null}.
 */
```

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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/PushedAuthorizationRequest.java
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```
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*/
/**
 * Confidential. Clients capable of maintaining the confidentiality of
 * their credentials (e.g., client implemented on a secure server with
 * restricted access to the client credentials), or capable of secure
 * client authentication using other means.
 */
/**
 * Public. Clients
incapable of maintaining the confidentiality of their
 * credentials (e.g., clients executing on the device used by the
 * resource owner, such as an installed native application or a web
 * browser-based application), and incapable of secure client
 * authentication via any other means.
 */
```

Found in path(s):
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientType.java
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```
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/BadJWTExceptions.java
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*/

Found in path(s):
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAError.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/singleuse/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/AccessTokenUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBARequestAcknowledgement.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAPushCallback.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPProofClaimsSetVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/NAAccessToken.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPCommonVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBATokenDelivery.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAPingCallback.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPIssuer.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/TokenSchemeError.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPProofContext.java

*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/ListUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBASignedRequestClaimsSet.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPProtectedResourceRequestVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/oauth2/sdk/dpop/verifiers/AccessTokenValidationException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/InvalidDPoPProofException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPKeySelector.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/singleuse/AlreadyUsedException.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DefaultDPoPSingleUseChecker.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/JWKThumbprintConfirmation.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/tokenexchange/package-info.java
*
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPTokenRequestVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAErrorDelivery.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/singleuse/SingleUseChecker.java
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*/
/**
* Client information. Encapsulates the registration and metadata details of
* an OAuth 2.0 client:
*
*
*   The client identifier.
*   The client metadata.
*   The optional client secret for a confidential client.
*   The optional registration URI
 and access token if dynamic client
*   registration is permitted.
*

```
*
* <p>Related specifications:
*
* <ul>
*     <li>OAuth 2.0 Dynamic Client Registration Protocol (RFC 7591), section
*         3.2.1.
*     <li>OAuth 2.0 Dynamic Client Registration Management Protocol (RFC
*         7592), section 3.
* </ul>
*/
// The client must by unambiguously public, else it is marked as confidential
```

Found in path(s):
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientInformation.java

1.84 joda-time 2.13.1

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1.85 gson 2.12.1

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* /gson-2-12-1-sources-jar/com/google/gson/ToNumberStrategy.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/reflect/ReflectionHelper.java
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* /gson-2-12-1-sources-jar/com/google/gson/ReflectionAccessFilter.java
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* /gson-2-12-1-sources-jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/LazilyParsedNumber.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/TreeTypeAdapter.java
*
 /gson-2-12-1-sources-jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java
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* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/JsonTreeWriter.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
*
 /gson-2-12-1-sources-jar/com/google/gson/internal/bind/JsonTreeReader.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java
* /gson-2-12-1-sources-jar/com/google/gson/TypeAdapter.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java
* /gson-2-12-1-sources-jar/com/google/gson/TypeAdapterFactory.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/JsonReaderInternalAccess.java
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* /gson-2-12-1-sources-jar/com/google/gson/stream/JsonScope.java
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* /gson-2-12-1-sources-jar/com/google/gson/JsonArray.java
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*
 /gson-2-12-1-sources-jar/com/google/gson/annotations/Until.java
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* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
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* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/JsonElementTypeAdapter.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/bind/EnumTypeAdapter.java
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* /gson-2-12-1-sources-jar/com/google/gson/internal/sql/SqlTimestampTypeAdapter.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/sql/SqlTypesSupport.java
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* /gson-2-12-1-sources-jar/com/google/gson/internal/Streams.java
* /gson-2-12-1-sources-jar/com/google/gson/JsonSyntaxException.java
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* /gson-2-12-1-sources-jar/com/google/gson/internal/NonNullElementWrapperList.java
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* /gson-2-12-1-sources-jar/com/google/gson/internal/JavaVersion.java
* /gson-2-12-1-sources-jar/com/google/gson/internal/PreJava9DateFormatProvider.java

1.86 accessors-smart 2.5.2

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Found in path(s):
* /accessors-smart-2-5-2-sources-jar/net/minidev/asm/BeansAccess.java
* /accessors-smart-2-5-2-sources-jar/net/minidev/asm/DynamicClassLoader.java
* /accessors-smart-2-5-2-sources-jar/net/minidev/asm/ASMUtil.java
* /accessors-smart-2-5-2-sources-jar/net/minidev/asm/Accessor.java
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* /accessors-smart-2-5-2-sources-jar/META-INF/maven/net.minidev/accessors-smart/pom.xml

1.87 musl 1.2.5-r10

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* /aports-master-main-musl-zip/aports-master-main-musl/main/musl/iconv.c

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1.88 json-smart 2.5.2

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* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserByteArray.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONObject.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/CollectionMapper.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/ArraysMapper.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONStreamAware.java
*
 /json-smart-2-5-2-sources-jar/net/minidev/json/writer/DefaultMapperCollection.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONAware.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/JsonReaderI.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserInputStream.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/FakeMapper.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/DefaultMapperOrdered.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/ParseException.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONStyle.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONNavi.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/JsonReader.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/BeansMapper.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParser.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONValue.java
*
 /json-smart-2-5-2-sources-jar/net/minidev/json/JSONStreamAwareEx.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserString.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JStylerObj.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONArray.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserStream.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserBase.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserReader.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONUtil.java

* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/CompessorMapper.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserMemory.java
* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONAwareEx.java
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1.89 nimbus-jose-jwt 10.0.2

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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/JSONArrayUtils.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/DefaultJOSEProcessor.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/JOSEProcessorConfiguration.java
*
 /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/ECDHEncrypter.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/JWKMatcher.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jwt/proc/DefaultJWTProcessor.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/JWEDecryptionKeySelector.java
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jar/com/nimbusds/jose/jwk/source/JWKSetSourceWithHealthStatusReporting.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/RefreshAheadCachingJWKSetSource.java
*
 /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/RetryingJWKSetSource.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/JWKSetSource.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/JWKSourceBuilder.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/AbstractCachingJWKSetSource.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/JWKSetUnavailableException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/package-info.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/URLBasedJWKSetSource.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/JWKSetSourceWrapper.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/RateLimitedJWKSetSource.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/RateLimitReachedException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/CachingJWKSetSource.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/CipherHelper.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/MultiCryptoProvider.java
*
 /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/ThumbprintURI.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/health/package-info.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/utils/ConstantTimeUtils.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/JWEHeaderValidation.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/DefaultJOSEObjectTypeVerifier.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/JWKException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/EdDSAProvider.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/AlgorithmSupportMessage.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/BaseJWSProvider.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/ConcatKDF.java
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 /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/AAD.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/AuthenticatedCipherText.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/health/HealthReportListener.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/opts/AllowWeakRSAKey.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/IllegalHeaderException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/AESEncrypter.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/health/HealthReport.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/BoundedInputStream.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/KeyRevocation.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/gen/ECKeyGenerator.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/IOUtils.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/ForceRefreshJWKSetCacheEvaluator.java
*
 /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/RSA_OAEP.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/ActionRequiredForJWSCompletionException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/ContentCryptoProvider.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/events/EventListener.java

* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/AlgorithmParametersHelper.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/JSONStringUtils.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/opts/OptionUtils.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/KeyUtils.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/PRFParams.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/PEMEncodedKeyParser.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/ECDH.java
*
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/RSASSAProvider.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/JWKSetWithTimestamp.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/SimpleSecurityContext.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/Resource.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/BadJWEException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/BadJWSException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/JWEProvider.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jwt/SignedJWT.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/IntegerUtils.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/JOSEObjectJSON.java
*
 /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/AbstractRestrictedResourceRetriever.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/JWSAlgorithm.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/JWSVerifierFactory.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/ThumbprintUtils.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/factories/package-info.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/JWKSelector.java

* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/Base64URL.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jwt/proc/BadJWTException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/JWEDecrypterFactory.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/KeyException.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jca/JCAContext.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/gen/OctetKeyPairGenerator.java
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Found in path(s):
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/JWKSourceWithFailover.java

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Found in path(s):
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/JSONSerializable.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/util/Pair.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/mint/package-info.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/XC20P.java
*
 /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/ECDH1PUCryptoProvider.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/ECDH1PU.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/ECDH1PUEncrypter.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/ECDH1PUX25519Encrypter.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/ECDH1PUDecrypter.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/ECDH1PUX25519Decrypter.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/bc/BouncyCastleFIPSProviderSingleton.java
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* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/factories/DefaultJWSSignerFactory.java
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Found in path(s):
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/proc/JOSEObjectTypeVerifier.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/impl/ECDHCryptoProvider.java
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/jwk/source/JWKSecurityContextJWKSet.java

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Found in path(s):
* /nimbus-jose-jwt-10-0-2-sources-jar/com/nimbusds/jose/crypto/MACSigner.java

1.90 failureaccess 1.0.1

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Found in path(s):
* /failureaccess-1-0-1-sources-13-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java
* /failureaccess-1-0-1-sources-13-jar/com/google/common/util/concurrent/internal/InternalFutures.java

1.91 alpine-baselayout 3.7.0-r0

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```
# Automatically generated by apkbuild-cpan, template 1
# Contributor: Francesco Colista <francesco.colista@gmail.com>
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pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends="    "
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/$_pkgreal-$pkgver.tar.gz"

_builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
 cd "$_builddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
 PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
 cd "$_builddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
 make && make test
}

package() {
 cd "$_builddir"
 make
 DESTDIR="$pkgdir" install || return 1
 find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35  Software-License-0.103004.tar.gz"
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
```

```
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2
 "

_builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
 cd "$_builddir"
 update_config_sub || return 1
}
build() {
 cd "$_builddir"
 ./configure \
  --build=$CBUILD \
  --host=$CHOST \
  --prefix=/usr \
  || return 1
 make || return 1
}

package() {
 cd "$_builddir"
 make DESTDIR="$pkgdir" install || return 1
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020  libart_lgpl-2.3.21.tar.bz2"
```

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pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=2
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends="    "
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/$_pkgreal-$pkgver.tar.gz"

_builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
 cd "$_builddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
 PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
 cd "$_builddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
 make && make test || return 1
}

package() {
 cd "$_builddir"
 make DESTDIR="$pkgdir" install || return 1
 find "$pkgdir"
 \( -name perllocal.pod -o -name .packlist \) -delete
}
```

md5sums="3c6dd2fa953088aa87e263f40818d012 BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06 BSD-Resource-1.2909.tar.gz"
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd85743363750157943c7f7700276cce2bd40a429fa430 BSD-Resource-1.2909.tar.gz"
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arch="noarch"
license="MIT"
depends="flake8"
makedepends="python3-dev"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/$_pkgname/$_pkgname-$pkgver.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

build() {
 cd "$builddir"
 python3 setup.py build || return 1
}

package() {
 cd "$builddir"
 python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}

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xwd v1.0.7

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Ext headers GL/glext.h Khronos
GL/glxext.h Khronos
GL/wglext.h Khronos
KHR/khrplatform.h Khronos

****

---
include/GL/gl.h :

Mesa 3-D
graphics library

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include/GL/glxext.h
include/GL/wglxext.h :

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# 1.95 openjdk-jre 17.0.15u6

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1.125 jctools-core 4.0.5

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Found in path(s):
* /jctools-core-4-0-5-6-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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

Manifest-Version: 1.0
Bnd-LastModified: 1717253512851
Build-Jdk-Spec: 1.8
Bundle-Description: Java Concurrency Tools Core Library
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Java Concurrency Tools Core Library
Bundle-SymbolicName: org.jctools.core
Bundle-Version: 4.0.5
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: org.jctools.maps;version="4.0.5",org.jctools.util;vers
ion="4.0.5";uses:="sun.misc",org.jctools.queues;version="4.0.5",org.j
ctools.queues.atomic;version="4.0.5";uses:="org.jctools.queues",org.j
ctools.queues.atomic.unpadded;version="4.0.5";uses:="org.jctools.queu
es",org.jctools.queues.unpadded;version="4.0.5";uses:="org.jctools.qu
eues",org.jctools.counters;version="4.0.5"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):
*
/jctools-core-4-0-5-6-jar/META-INF/MANIFEST.MF

1.126 musl-utils 1.2.5-r10

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1.127 alpine-baselayout-data 3.7.0-r0

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# Automatically generated by apkbuild-cpan, template 1
# Contributor: Francesco Colista <francesco.colista@gmail.com>
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pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004

```
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends="    "
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/$_pkgreal-$pkgver.tar.gz"

_builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
 cd "$_builddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
 PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
 cd "$_builddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
 make && make test
}

package() {
 cd "$_builddir"
 make
 DESTDIR="$pkgdir" install || return 1
 find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35  Software-License-0.103004.tar.gz"
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2
 "
```

```
_builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
 cd "$_builddir"
 update_config_sub || return 1
}
build() {
 cd "$_builddir"
 ./configure \
  --build=$CBUILD \
  --host=$CHOST \
  --prefix=/usr \
  || return 1
 make || return 1
}

package() {
 cd "$_builddir"
 make DESTDIR="$pkgdir" install || return 1
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020  libart_lgpl-2.3.21.tar.bz2"
```

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pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=2
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends="    "
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/$_pkgreal-$pkgver.tar.gz"

_builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
 cd "$_builddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
 PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
 cd "$_builddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
 make && make test || return 1
}

package() {
 cd "$_builddir"
 make DESTDIR="$pkgdir" install || return 1
 find "$pkgdir"
 \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="3c6dd2fa953088aa87e263f40818d012  BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06  BSD-Resource-
1.2909.tar.gz"
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd
85743363750157943c7f7700276cce2bd40a429fa430  BSD-Resource-1.2909.tar.gz"
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pkgname=py-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.0
pkgrel=1
pkgdesc="Extension for flake8 which checks for copyrights"
url="https://github.com/savoirfairelinux/flake8-copyright"

```
arch="noarch"
license="MIT"
depends="flake8"
makedepends="python3-dev"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/$_pkgname/$_pkgname-$pkgver.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

build() {
 cd "$builddir"
 python3 setup.py build || return 1
}

package() {
 cd "$builddir"
 python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}

md5sums="c6348990c6d74933bf5d5f6a55a14bdf  flake8-copyright-0.2.0.tar.gz"
sha256sums="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73  flake8-copyright-
0.2.0.tar.gz"
sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e
2417b586e543bfba12abce256b2023c8c4993eeb90
  flake8-copyright-0.2.0.tar.gz"
```

mini_sendmail - accept email on behalf of real sendmail

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1.128 apk-tools 2.14.9-r3

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---
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Mesa 3-D
graphics library

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Vigna, Sebastiano (2014). "Further scramblings of Marsaglia's xorshift generators". arXiv:1404.0390 (http://arxiv.org/abs/1404.0390)

See also https://en.wikipedia.org/wiki/Xorshift.

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  o freetype-devel@nongnu.org

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Our home page can be found at

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libffi was originally written by Anthony Green <green@moxielogic.com>.

The developers of the GNU Compiler Collection project have made
innumerable valuable contributions. See the ChangeLog file for
details.

Some of the ideas behind libffi were inspired by Gianni Mariani's free
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The

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Bert Belder: wepoll v 1.5.8

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## The Unicode Standard, Unicode Character Database, Version 13.0.0

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A copy of the Oracle modified GStreamer library source code is located
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 https://github.com/openjdk/jfx

You can use git to clone the repository or you can browse the
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 rt/modules/javafx.media/src/main/native/gstreamer/gstreamer-lite/
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The below applies to some files in the following directories:
Source/JavaScriptCore/API
Source/JavaScriptCore/API/tests
Source/JavaScriptCore/API/tests/testapiScripts
Source/JavaScriptCore
Source/JavaScriptCore/assembler
Source/JavaScriptCore/b3
Source/JavaScriptCore/b3/air
Source/JavaScriptCore/builtins

Source/JavaScriptCore/bytecode
Source/JavaScriptCore/bytecompiler
Source/JavaScriptCore/debugger
Source/JavaScriptCore/dfg
Source/JavaScriptCore/disassembler/ARM64
Source/JavaScriptCore/disassembler
Source/JavaScriptCore/disassembler/udis86
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Source/JavaScriptCore/inspector
Source/JavaScriptCore/inspector/agents
Source/JavaScriptCore/inspector/augmentable
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Source/JavaScriptCore/llint
Source/JavaScriptCore/offlineasm
Source/JavaScriptCore/parser
Source/JavaScriptCore/profiler
Source/JavaScriptCore/runtime
Source/JavaScriptCore/testmem
Source/JavaScriptCore/tools
Source/JavaScriptCore/wasm
Source/JavaScriptCore/wasm/js
Source/JavaScriptCore/yarr
Source/WTF/benchmarks
Source/WTF/wtf
Source/WTF/wtf/cf
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Source/WTF/wtf/darwin
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Source/WTF/wtf/unicode
Source/WTF/wtf/unicode/icu
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Source/WebCore/Modules/encryptedmedia/legacy
Source/WebCore/Modules/geolocation
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Source/WebCore/Modules/indexeddb/server
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Source/WebCore/Modules/mediasource
Source/WebCore/Modules/mediastream
Source/WebCore/Modules/model-element
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Source/WebCore/Modules/streams
Source/WebCore/Modules/webaudio
Source/WebCore/Modules/webdatabase
Source/WebCore/Modules/websockets
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Source/WebCore/PAL/pal/text
Source/WebCore/PAL/pal/unix
Source/WebCore/PAL/pal/win
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Source/WebCore/accessibility/isolatedtree
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Source/WebCore/bindings/js
Source/WebCore/bindings/scripts
Source/WebCore/bridge
Source/WebCore/bridge/jsc
Source/WebCore/crypto/openssl
Source/WebCore/css
Source/WebCore/css/color
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Source/WebCore/css/typedom/color
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Source/WebCore/html/shadow
Source/WebCore/html/track

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Source/WebCore/inspector/agents
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Source/WebCore/svg/graphics/filters
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Source/WebKitLegacy/WebCoreSupport
Source/WebKitLegacy/java/WebCoreSupport
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Source/bmalloc/libpas/src/chaos
Source/bmalloc/libpas/src/libpas
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Source/JavaScriptCore/API
Source/JavaScriptCore/API/tests
Source/JavaScriptCore/Scripts
Source/JavaScriptCore/Scripts/wkbuiltins
Source/JavaScriptCore
Source/JavaScriptCore/b3
Source/JavaScriptCore/b3/air
Source/JavaScriptCore/builtins
Source/JavaScriptCore/bytecode
Source/JavaScriptCore/debugger
Source/JavaScriptCore/dfg
Source/JavaScriptCore/generator
Source/JavaScriptCore/heap
Source/JavaScriptCore/inspector
Source/JavaScriptCore/inspector/agents
Source/JavaScriptCore/inspector/remote
Source/JavaScriptCore/inspector/remote/socket
Source/JavaScriptCore/inspector/scripts/codegen
Source/JavaScriptCore/inspector/scripts
Source/JavaScriptCore/interpreter
Source/JavaScriptCore/jit
Source/JavaScriptCore/llint
Source/JavaScriptCore/offlineasm
Source/JavaScriptCore/parser
Source/JavaScriptCore/runtime

Source/JavaScriptCore/tools
Source/JavaScriptCore/yarr
Source/WTF/Scripts
Source/WTF/Scripts/Preferences
Source/WTF/wtf
Source/WTF/wtf/cf
Source/WTF/wtf/cocoa
Source/WTF/wtf/darwin
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Source/WebCore/plugins
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Source/WebCore/rendering/adwaita
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Source/WebCore/rendering/svg
Source/WebCore/rendering/svg/legacy
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Source/WebCore/storage
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Source/WebCore/workers
Source/WebCore/workers/service
Source/WebCore/workers/service/background-fetch
Source/WebCore/workers/service/context
Source/WebCore/workers/service/server
Source/WebCore/workers/shared
Source/WebCore/workers/shared/context
Source/WebCore/xml
Source/WebGPU/WGSL/AST
Source/WebGPU/WGSL
Source/WebGPU/WGSL/Metal
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Source/WebKitLegacy/Storage
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Vigna, Sebastiano (2014). "Further scramblings of Marsaglia's xorshift
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This contains code taken from LLVM's APInt class. That code implements finding the magic
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The LLVM code on which this code is based was
implemented using "Hacker's Delight", Henry S. Warren, Jr., chapter 10.

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libffi was originally written by Anthony Green <green@moxielogic.com>.

The developers of the GNU Compiler Collection project have made
innumerable valuable contributions. See the ChangeLog file for
details.

Some of the ideas behind libffi were inspired by Gianni Mariani's free
gencall library for Silicon Graphics machines.

The
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x86-64	Bo Thorsen

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Thanks to Jim Blandy, who provided some useful feedback on the libffi
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Alex Oliva solved the executable page problem for SElinux.

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Bert Belder: wepoll v 1.5.8

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A copy of the Oracle modified GStreamer library source code is located
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You can use git to clone the repository or you can browse the
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---
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include/GL/wglxext.h :

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1.134 busybox 1.37.0-r19

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
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```
# ***************************************************************************
# *                                  _   _ ____  _
# *  Project                     ___| | | |  _ \| |
# *                             / __| | | | |_) | |
# *                            | (__| |_| |  _ <| |___
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# *
# ***************************************************************************
# This Perl script creates a fresh ca-bundle.crt file for use with libcurl.
# It downloads certdata.txt from Mozilla's source tree (see URL below),
# then parses certdata.txt and extracts CA Root Certificates into PEM format.
# These are then processed with the OpenSSL commandline tool to produce the
# final ca-bundle.crt file.
# The script is based on the parse-certs script written by Roland Krikava.
# This Perl script works on almost any platform since its only external
# dependency is the OpenSSL commandline tool for optional text listing.
# Hacked by Guenter Knauf.
#
```

Found in path(s):
* /ca-certificates-20250619-tar-bz2/ca-certificates-20250619/mk-ca-bundle.pl
No license file was found, but licenses were detected in source scan.

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

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Found in path(s):
* /ca-certificates-20250619-tar-bz2/ca-certificates-20250619/certdata.txt

1.136 ca-certificates-bundle 20250619-r0

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#!/usr/bin/env perl
***
*   _   _ ____ _
* Project   ___| | | | _ \| |
*   / __| | | | |_) | |
* | (__| |_| | _ <| |___
*   ___|___/|_| ______|
*
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*

```
# * This software is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY
#
 * KIND, either express or implied.
# *
# * SPDX-License-Identifier: curl
# *
# ***********************************************************************
# This Perl script creates a fresh ca-bundle.crt file for use with libcurl.
# It downloads certdata.txt from Mozilla's source tree (see URL below),
# then parses certdata.txt and extracts CA Root Certificates into PEM format.
# These are then processed with the OpenSSL commandline tool to produce the
# final ca-bundle.crt file.
# The script is based on the parse-certs script written by Roland Krikava.
# This Perl script works on almost any platform since its only external
# dependency is the OpenSSL commandline tool for optional text listing.
# Hacked by Guenter Knauf.
#
```

Found in path(s):
* /ca-certificates-20250619-tar-bz2/ca-certificates-20250619/mk-ca-bundle.pl
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```
/* c_rehash.c - Create hash symlinks for certificates
* C implementation based on the original Perl and shell versions
*
* Copyright (c) 2013-2014 Timo Teräs <timo.teras@iki.fi>
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*/
```

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* /ca-certificates-20250619-tar-bz2/ca-certificates-20250619/c_rehash.c
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```
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```

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* /ca-certificates-20250619-tar-bz2/ca-certificates-20250619/certdata.txt

1.137 alpine-base 3.22.1-r0

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```
# Automatically generated by apkbuild-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
maintainer="Celeste <cielesti@protonmail.com>"
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=10
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/$_pkgreal-$pkgver"

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

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

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

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
  BSD-Resource-1.2911.tar.gz
"
# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=2
```

```
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz
 0001-bsd-games-scores-dir.patch
 "
options="!check" # no tests

build() {
 # some GNU autoconf options are ignored, but it works
 ./configure \
  --build=$CBUILD \
  --host=$CHOST \
  --prefix=/usr \
  --sysconfdir=/etc \
  --mandir=/usr/share/man \
  --scoredir=/usr/share/$pkgname
 make
}

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

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0
577b7e278029ca5ed50f7aab22319f6  0001-bsd-games-scores-dir.patch
"
```

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SOFTWARE.
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2
 "

builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
 update_config_sub
 default_prepare
}

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

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

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
mini_sendmail - accept email on behalf of real sendmail

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```
# Contributor: Patrycja Rosa <alpine@ptrcnull.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
 cdefs.h
 queue.h
 tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
 mkdir -p "$pkgdir"
 install -Dm644 -t "$pkgdir"/usr/include/sys \
  cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178  cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
```

```
11ea33987d4faba37dde5ce6da0750  queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3  tree.h
"
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.26.0
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

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

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

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

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

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

sha512sums="
67e618d4642dfe4f366935d9514d6f7941d3711e77c49bc1b340ac572d36015981b8f10c72a9f80f1d83e132ae7e5093c
```

0155e0c0e786e4777ee16d1cb7b885a license-list-data-3.26.0.tar.gz
"
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"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html
# Contributor: Dhruvin Gandhi <contact@dhru.vin>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license_expression
pkgver=30.4.1
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/$_pkgname/$_pkgname-$pkgver.tar.gz"
builddir="$srcdir/$_pkgname-$pkgver"

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

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

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

sha512sums="
114c630f098939757e49187e35b4e54883266a2ee9ca283724992420ef4c860f9606a8342da0ab74d93627c10805f312
fda3f699cbc7c4fbd47a71e220440fb0
  license_expression-30.4.1.tar.gz
"
/* $NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp $ */

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* SUCH DAMAGE.
*
* @(#)queue.h 8.5 (Berkeley) 8/20/94
*/

#ifndef _SYS_QUEUE_H_
#define _SYS_QUEUE_H_

/*
* This file defines five types of data structures: singly-linked lists,
* lists, simple queues, tail queues, and circular queues.
*
* A singly-linked list is headed by a single forward pointer. The
* elements are singly linked for minimum space and
 pointer manipulation
* overhead at the expense of O(n) removal for arbitrary elements. New
* elements can be added to the list after an existing element or at the
* head of the list.  Elements being removed from the head of the list
* should use the explicit macro for this purpose for optimum
* efficiency. A singly-linked list may only be traversed in the forward
* direction.  Singly-linked lists are ideal for applications with large
* datasets and few or no removals or for implementing a LIFO queue.
*
* A list is headed by a single forward pointer (or an array of forward
* pointers for a hash table header). The elements are doubly linked
* so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before
* or after an existing element or at the head of the list. A list
* may only be traversed in the forward direction.
*
* A simple queue is headed by a pair of pointers, one the head of the
* list and the
 other to the tail of the list. The elements are singly
* linked to save space, so elements can only be removed from the
* head of the list. New elements can be added to the list after
* an existing element, at the head of the list, or at the end of the
* list. A simple queue may only be traversed in the forward direction.
*
* A tail queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before or
* after an existing element, at the head of the list, or at the end of
* the list. A tail queue may be traversed in either direction.
*
```

```
* A circle queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements
 can be added to the list before or after
* an existing element, at the head of the list, or at the end of the list.
* A circle queue may be traversed in either direction, but has a more
* complex end of list detection.
*
* For details on the use of these macros, see the queue(3) manual page.
*/

/*
* Include the definition of NULL only on NetBSD because sys/null.h
* is not available elsewhere.  This conditional makes the header
* portable and it can simply be dropped verbatim into any system.
* The caveat is that on other systems some other header
* must provide NULL before the macros can be used.
*/
#ifdef __NetBSD__
#include <sys/null.h>
#endif

#if defined(QUEUEDEBUG)
# if defined(_KERNEL)
#  define QUEUEDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
#  include <err.h>
#  define QUEUEDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif

/*
* Singly-linked List definitions.
*/
#define SLIST_HEAD(name, type)      \
struct name {       \
 struct type *slh_first; /* first
 element */   \
}

#define SLIST_HEAD_INITIALIZER(head)     \
 { NULL }

#define SLIST_ENTRY(type)      \
struct {       \
 struct type *sle_next; /* next element */   \
}
```

```
/*
* Singly-linked List access methods.
*/
#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head)  NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

#define SLIST_FOREACH(var, head, field)     \
 for((var) = (head)->slh_first;     \
     (var) != SLIST_END(head);     \
     (var) = (var)->field.sle_next)

#define SLIST_FOREACH_SAFE(var, head, field, tvar)   \
 for ((var) = SLIST_FIRST((head));    \
     (var) != SLIST_END(head) &&     \
     ((tvar) = SLIST_NEXT((var), field), 1);   \
     (var) = (tvar))

/*
* Singly-linked List functions.
*/
#define SLIST_INIT(head) do {      \
 (head)->slh_first = SLIST_END(head);    \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do {   \
 (elm)->field.sle_next = (slistelm)->field.sle_next;  \
 (slistelm)->field.sle_next
 = (elm);    \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_HEAD(head, elm, field) do {   \
 (elm)->field.sle_next = (head)->slh_first;   \
 (head)->slh_first = (elm);     \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do {   \
 (slistelm)->field.sle_next =     \
     SLIST_NEXT(SLIST_NEXT((slistelm), field), field);  \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do {    \
 (head)->slh_first = (head)->slh_first->field.sle_next;  \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do {   \
```

```
 if ((head)->slh_first == (elm)) {    \
  SLIST_REMOVE_HEAD((head), field);   \
 }       \
 else {       \
  struct type *curelm = (head)->slh_first;  \
  while(curelm->field.sle_next != (elm))   \
   curelm = curelm->field.sle_next;  \
  curelm->field.sle_next =    \
      curelm->field.sle_next->field.sle_next;  \
 }       \
} while (/*CONSTCOND*/0)


/*
* List definitions.
 */
#define LIST_HEAD(name, type)      \
struct name {       \
 struct type *lh_first; /* first element */   \
}

#define LIST_HEAD_INITIALIZER(head)     \
 { NULL }

#define LIST_ENTRY(type)      \
struct {       \
 struct type *le_next; /* next element */   \
 struct type **le_prev; /* address of previous next element */ \
}

/*
* List access methods.
*/
#define LIST_FIRST(head)  ((head)->lh_first)
#define LIST_END(head)   NULL
#define LIST_EMPTY(head)  ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field)  ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field)     \
 for ((var) = ((head)->lh_first);    \
     (var) != LIST_END(head);     \
     (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar)   \
 for ((var) = LIST_FIRST((head));    \
     (var) != LIST_END(head) &&     \
     ((tvar) = LIST_NEXT((var), field), 1);   \
     (var) = (tvar))
```

```
#define LIST_MOVE(head1, head2) do {     \
 LIST_INIT((head2));      \
 if (!LIST_EMPTY((head1)))
 {     \
  (head2)->lh_first = (head1)->lh_first;   \
  LIST_INIT((head1));     \
 }       \
} while (/*CONSTCOND*/0)

/*
* List functions.
*/
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)   \
 if ((head)->lh_first &&      \
     (head)->lh_first->field.le_prev != &(head)->lh_first) \
  QUEUEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
      __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_OP(elm, field)     \
 if ((elm)->field.le_next &&     \
     (elm)->field.le_next->field.le_prev !=   \
     &(elm)->field.le_next)     \
  QUEUEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm),  \
      __FILE__, __LINE__);    \
 if (*(elm)->field.le_prev != (elm))    \
  QUEUEDEBUG_ABORT("LIST_* back %p %s:%d", (elm),  \
      __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)    \
 (elm)->field.le_next = (void *)1L;    \
 (elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_LIST_OP(elm,
 field)
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do {      \
 (head)->lh_first = LIST_END(head);    \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do {   \
 QUEUEDEBUG_LIST_OP((listelm), field)    \
 if (((elm)->field.le_next = (listelm)->field.le_next) !=  \
     LIST_END(head))      \
  (listelm)->field.le_next->field.le_prev =  \
      &(elm)->field.le_next;    \
```

```
 (listelm)->field.le_next = (elm);    \
 (elm)->field.le_prev = &(listelm)->field.le_next;  \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do {   \
 QUEUEDEBUG_LIST_OP((listelm), field)    \
 (elm)->field.le_prev = (listelm)->field.le_prev;  \
 (elm)->field.le_next = (listelm);    \
 *(listelm)->field.le_prev = (elm);    \
 (listelm)->field.le_prev = &(elm)->field.le_next;  \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do {    \
 QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field)  \
 if (((elm)->field.le_next
 = (head)->lh_first) != LIST_END(head))\
  (head)->lh_first->field.le_prev = &(elm)->field.le_next;\
 (head)->lh_first = (elm);     \
 (elm)->field.le_prev = &(head)->lh_first;   \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do {     \
 QUEUEDEBUG_LIST_OP((elm), field)    \
 if ((elm)->field.le_next != NULL)    \
  (elm)->field.le_next->field.le_prev =    \
      (elm)->field.le_prev;    \
 *(elm)->field.le_prev = (elm)->field.le_next;   \
 QUEUEDEBUG_LIST_POSTREMOVE((elm), field)   \
} while (/*CONSTCOND*/0)

#define LIST_REPLACE(elm, elm2, field) do {    \
 if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
  (elm2)->field.le_next->field.le_prev =   \
      &(elm2)->field.le_next;    \
 (elm2)->field.le_prev = (elm)->field.le_prev;   \
 *(elm2)->field.le_prev = (elm2);    \
 QUEUEDEBUG_LIST_POSTREMOVE((elm), field)   \
} while (/*CONSTCOND*/0)

/*
* Simple queue definitions.
*/
#define SIMPLEQ_HEAD(name, type)     \
struct name {        \
 struct
 type *sqh_first; /* first element */   \
 struct type **sqh_last; /* addr of last next element */  \
}
```

```
#define SIMPLEQ_HEAD_INITIALIZER(head)    \
 { NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type)     \
struct {       \
 struct type *sqe_next; /* next element */   \
}

/*
* Simple queue access methods.
*/
#define SIMPLEQ_FIRST(head)  ((head)->sqh_first)
#define SIMPLEQ_END(head)  NULL
#define SIMPLEQ_EMPTY(head)  ((head)->sqh_first == SIMPLEQ_END(head))
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

#define SIMPLEQ_FOREACH(var, head, field)    \
 for ((var) = ((head)->sqh_first);    \
     (var) != SIMPLEQ_END(head);     \
     (var) = ((var)->field.sqe_next))

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next)   \
 for ((var) = ((head)->sqh_first);    \
     (var) != SIMPLEQ_END(head) &&    \
     ((next = ((var)->field.sqe_next)), 1);   \
     (var) = (next))

/*
* Simple queue functions.
*/
#define SIMPLEQ_INIT(head) do {      \
 (head)->sqh_first = NULL;     \
 (head)->sqh_last
 = &(head)->sqh_first;    \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do {   \
 if (((elm)->field.sqe_next = (head)->sqh_first) == NULL) \
  (head)->sqh_last = &(elm)->field.sqe_next;  \
 (head)->sqh_first = (elm);     \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do {   \
 (elm)->field.sqe_next = NULL;     \
 *(head)->sqh_last = (elm);     \
 (head)->sqh_last = &(elm)->field.sqe_next;   \
} while (/*CONSTCOND*/0)
```

```
#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do {  \
 if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL)\
  (head)->sqh_last = &(elm)->field.sqe_next;  \
 (listelm)->field.sqe_next = (elm);    \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do {    \
 if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
  (head)->sqh_last = &(head)->sqh_first;   \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do {   \
 if
 (((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
    == NULL)       \
  (head)->sqh_last = &(elm)->field.sqe_next;  \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do {   \
 if ((head)->sqh_first == (elm)) {    \
  SIMPLEQ_REMOVE_HEAD((head), field);   \
 } else {       \
  struct type *curelm = (head)->sqh_first;  \
  while (curelm->field.sqe_next != (elm))   \
   curelm = curelm->field.sqe_next;  \
  if ((curelm->field.sqe_next =    \
   curelm->field.sqe_next->field.sqe_next) == NULL) \
      (head)->sqh_last = &(curelm)->field.sqe_next; \
 }       \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do {    \
 if (!SIMPLEQ_EMPTY((head2))) {     \
  *(head1)->sqh_last = (head2)->sqh_first;  \
  (head1)->sqh_last = (head2)->sqh_last;  \
  SIMPLEQ_INIT((head2));     \
 }       \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field)     \
 (SIMPLEQ_EMPTY((head)) ?      \
  NULL :       \
       ((struct type
 *)(void *)    \
  ((char *)((head)->sqh_last) - offsetof(struct type, field))))

/*
```

```
* Tail queue definitions.
*/
#define _TAILQ_HEAD(name, type, qual)     \
struct name {       \
 qual type *tqh_first;  /* first element */  \
 qual type *qual *tqh_last; /* addr of last next element */ \
}
#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head)     \
 { TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual)     \
struct {       \
 qual type *tqe_next;  /* next element */  \
 qual type *qual *tqe_prev; /* address of previous next element */\
}
#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
* Tail queue access methods.
*/
#define TAILQ_FIRST(head)  ((head)->tqh_first)
#define TAILQ_END(head)   (NULL)
#define TAILQ_NEXT(elm, field)  ((elm)->field.tqe_next)
#define TAILQ_LAST(head, headname) \
 (*(((struct headname *)(void *)((head)->tqh_last))->tqh_last))
#define TAILQ_PREV(elm, headname, field) \
 (*(((struct headname
 *)(void *)((elm)->field.tqe_prev))->tqh_last))
#define TAILQ_EMPTY(head)  (TAILQ_FIRST(head) == TAILQ_END(head))


#define TAILQ_FOREACH(var, head, field)     \
 for ((var) = ((head)->tqh_first);    \
     (var) != TAILQ_END(head);     \
     (var) = ((var)->field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next)   \
 for ((var) = ((head)->tqh_first);    \
     (var) != TAILQ_END(head) &&     \
     ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field)  \
 for ((var) = TAILQ_LAST((head), headname);   \
     (var) != TAILQ_END(head);     \
     (var) = TAILQ_PREV((var), headname, field))
```

```
#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
 for ((var) = TAILQ_LAST((head), headname);   \
     (var) != TAILQ_END(head) &&     \
     ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
* Tail queue functions.
*/
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head,
 elm, field)   \
 if ((head)->tqh_first &&     \
     (head)->tqh_first->field.tqe_prev != &(head)->tqh_first) \
  QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
      __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)   \
 if (*(head)->tqh_last != NULL)     \
  QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
      __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field)     \
 if ((elm)->field.tqe_next &&     \
     (elm)->field.tqe_next->field.tqe_prev !=   \
     &(elm)->field.tqe_next)     \
  QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
      __FILE__, __LINE__);    \
 if (*(elm)->field.tqe_prev != (elm))    \
  QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
      __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)   \
 if ((elm)->field.tqe_next == NULL &&    \
     (head)->tqh_last != &(elm)->field.tqe_next)   \
  QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d",\
      (head), (elm), __FILE__,
 __LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)    \
 (elm)->field.tqe_next = (void *)1L;    \
 (elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do {      \
 (head)->tqh_first = TAILQ_END(head);    \
 (head)->tqh_last = &(head)->tqh_first;    \
```

```
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_HEAD(head, elm, field) do {	\
 QUEUEDEBUG_TAILQ_INSERT_HEAD((head), (elm), field)	\
 if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head))\
  (head)->tqh_first->field.tqe_prev =	\
      &(elm)->field.tqe_next;	\
 else		\
  (head)->tqh_last = &(elm)->field.tqe_next;	\
 (head)->tqh_first = (elm);	\
 (elm)->field.tqe_prev = &(head)->tqh_first;	\
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_TAIL(head,
 elm, field) do {	\
 QUEUEDEBUG_TAILQ_INSERT_TAIL((head), (elm), field)	\
 (elm)->field.tqe_next = TAILQ_END(head);	\
 (elm)->field.tqe_prev = (head)->tqh_last;	\
 *(head)->tqh_last = (elm);	\
 (head)->tqh_last = &(elm)->field.tqe_next;	\
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do {	\
 QUEUEDEBUG_TAILQ_OP((listelm), field)	\
 if (((elm)->field.tqe_next = (listelm)->field.tqe_next) !=	\
     TAILQ_END(head))	\
  (elm)->field.tqe_next->field.tqe_prev =	\
      &(elm)->field.tqe_next;	\
 else		\
  (head)->tqh_last = &(elm)->field.tqe_next;	\
 (listelm)->field.tqe_next = (elm);	\
 (elm)->field.tqe_prev = &(listelm)->field.tqe_next;	\
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_BEFORE(listelm, elm, field) do {	\
 QUEUEDEBUG_TAILQ_OP((listelm), field)	\
 (elm)->field.tqe_prev = (listelm)->field.tqe_prev;	\
 (elm)->field.tqe_next = (listelm);	\
 *(listelm)->field.tqe_prev = (elm);	\
 (listelm)->field.tqe_prev
 = &(elm)->field.tqe_next;	\
} while (/*CONSTCOND*/0)

#define TAILQ_REMOVE(head, elm, field) do {	\
 QUEUEDEBUG_TAILQ_PREREMOVE((head), (elm), field)	\
 QUEUEDEBUG_TAILQ_OP((elm), field)	\
 if (((elm)->field.tqe_next) != TAILQ_END(head))	\
  (elm)->field.tqe_next->field.tqe_prev =	\
```

```
    (elm)->field.tqe_prev;    \
 else       \
  (head)->tqh_last = (elm)->field.tqe_prev;  \
 *(elm)->field.tqe_prev = (elm)->field.tqe_next;   \
 QUEUEDEBUG_TAILQ_POSTREMOVE((elm), field);   \
} while (/*CONSTCOND*/0)

#define TAILQ_REPLACE(head, elm, elm2, field) do {   \
      if (((elm2)->field.tqe_next = (elm)->field.tqe_next) !=  \
    TAILQ_END(head))        \
            (elm2)->field.tqe_next->field.tqe_prev =  \
               &(elm2)->field.tqe_next;    \
      else       \
            (head)->tqh_last = &(elm2)->field.tqe_next;  \
      (elm2)->field.tqe_prev = (elm)->field.tqe_prev;   \
      *(elm2)->field.tqe_prev = (elm2);    \
 QUEUEDEBUG_TAILQ_POSTREMOVE((elm),
 field);   \
} while (/*CONSTCOND*/0)

#define TAILQ_CONCAT(head1, head2, field) do {    \
 if (!TAILQ_EMPTY(head2)) {     \
  *(head1)->tqh_last = (head2)->tqh_first;  \
  (head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
  (head1)->tqh_last = (head2)->tqh_last;   \
  TAILQ_INIT((head2));     \
 }       \
} while (/*CONSTCOND*/0)

/*
* Singly-linked Tail queue declarations.
*/
#define STAILQ_HEAD(name, type)      \
struct name {        \
 struct type *stqh_first; /* first element */  \
 struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head)     \
 { NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type)      \
struct {        \
 struct type *stqe_next; /* next element */   \
}

/*
* Singly-linked Tail queue access methods.
```

```
*/
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head)
 == STAILQ_END(head))

/*
* Singly-linked Tail queue functions.
*/
#define STAILQ_INIT(head) do {      \
 (head)->stqh_first = NULL;     \
 (head)->stqh_last = &(head)->stqh_first;    \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_HEAD(head, elm, field) do {   \
 if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \
  (head)->stqh_last = &(elm)->field.stqe_next;  \
 (head)->stqh_first = (elm);     \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do {   \
 (elm)->field.stqe_next = NULL;     \
 *(head)->stqh_last = (elm);     \
 (head)->stqh_last = &(elm)->field.stqe_next;   \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do {  \
 if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL)\
  (head)->stqh_last = &(elm)->field.stqe_next;  \
 (listelm)->field.stqe_next = (elm);    \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE_HEAD(head, field) do {    \
 if (((head)->stqh_first = (head)->stqh_first->field.stqe_next)
 == NULL) \
  (head)->stqh_last = &(head)->stqh_first;   \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do {   \
 if ((head)->stqh_first == (elm)) {    \
  STAILQ_REMOVE_HEAD((head), field);   \
 } else {       \
  struct type *curelm = (head)->stqh_first;  \
  while (curelm->field.stqe_next != (elm))   \
   curelm = curelm->field.stqe_next;  \
  if ((curelm->field.stqe_next =    \
   curelm->field.stqe_next->field.stqe_next) == NULL) \
```

```
        (head)->stqh_last = &(curelm)->field.stqe_next; \
 }       \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field)    \
 for ((var) = ((head)->stqh_first);    \
  (var);       \
  (var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar)   \
 for ((var) = STAILQ_FIRST((head));    \
     (var) && ((tvar) = STAILQ_NEXT((var), field), 1);  \
     (var) = (tvar))

#define STAILQ_CONCAT(head1, head2) do {    \
 if (!STAILQ_EMPTY((head2))) {     \
  *(head1)->stqh_last
 = (head2)->stqh_first;  \
  (head1)->stqh_last = (head2)->stqh_last;  \
  STAILQ_INIT((head2));     \
 }       \
} while (/*CONSTCOND*/0)

#define STAILQ_LAST(head, type, field)     \
 (STAILQ_EMPTY((head)) ?      \
  NULL :       \
        ((struct type *)(void *)    \
  ((char *)((head)->stqh_last) - offsetof(struct type, field))))


#ifndef _KERNEL
/*
* Circular queue definitions. Do not use. We still keep the macros
* for compatibility but because of pointer aliasing issues their use
* is discouraged!
*/

/*
* __launder_type():  We use this ugly hack to work around the the compiler
* noticing that two types may not alias each other and elide tests in code.
* We hit this in the CIRCLEQ macros when comparing 'struct name *' and
* 'struct type *' (see CIRCLEQ_HEAD()).  Modern compilers (such as GCC
* 4.8) declare these comparisons as always false, causing the code to
* not run as designed.
*
* This hack is only to be used for comparisons and thus can be fully const.
 * Do not use for assignment.
*
```

```
* If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
* this by changing the head/tail sentinal values, but see the note above
* this one.
*/
static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
 __asm __volatile("" : "+r" (__x));
 return __x;
}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)    \
 if ((head)->cqh_first != CIRCLEQ_ENDC(head) &&   \
    (head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
  QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \
       __FILE__, __LINE__);    \
 if ((head)->cqh_last != CIRCLEQ_ENDC(head) &&   \
    (head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
  QUEUEDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
       __FILE__, __LINE__);
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)   \
 if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) {  \
  if ((head)->cqh_last != (elm))    \
   QUEUEDEBUG_ABORT("CIRCLEQ
 elm last %p %s:%d", \
       (elm), __FILE__, __LINE__);   \
 } else {      \
  if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
   QUEUEDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
       (elm), __FILE__, __LINE__);   \
 }       \
 if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) {  \
  if ((head)->cqh_first != (elm))    \
   QUEUEDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
       (elm), __FILE__, __LINE__);   \
 } else {      \
  if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
   QUEUEDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
       (elm), __FILE__, __LINE__);   \
 }
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)   \
 (elm)->field.cqe_next = (void *)1L;    \
 (elm)->field.cqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)
```

```
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#endif

#define CIRCLEQ_HEAD(name, type)     \
struct name {        \
 struct type *cqh_first;  /*
 first element */  \
 struct type *cqh_last;  /* last element */  \
}

#define CIRCLEQ_HEAD_INITIALIZER(head)     \
 { CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type)      \
struct {        \
 struct type *cqe_next;  /* next element */  \
 struct type *cqe_prev;  /* previous element */  \
}

/*
* Circular queue functions.
*/
#define CIRCLEQ_INIT(head) do {      \
 (head)->cqh_first = CIRCLEQ_END(head);    \
 (head)->cqh_last = CIRCLEQ_END(head);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do {  \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field)  \
 (elm)->field.cqe_next = (listelm)->field.cqe_next;  \
 (elm)->field.cqe_prev = (listelm);    \
 if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head))  \
  (head)->cqh_last = (elm);    \
 else        \
  (listelm)->field.cqe_next->field.cqe_prev = (elm); \
 (listelm)->field.cqe_next = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_BEFORE(head,
 listelm, elm, field) do {  \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field)  \
 (elm)->field.cqe_next = (listelm);    \
 (elm)->field.cqe_prev = (listelm)->field.cqe_prev;  \
 if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head))  \
  (head)->cqh_first = (elm);    \
 else        \
```

```
 (listelm)->field.cqe_prev->field.cqe_next = (elm); \
 (listelm)->field.cqe_prev = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do {   \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 (elm)->field.cqe_next = (head)->cqh_first;   \
 (elm)->field.cqe_prev = CIRCLEQ_END(head);   \
 if ((head)->cqh_last == CIRCLEQ_ENDC(head))   \
  (head)->cqh_last = (elm);    \
 else       \
  (head)->cqh_first->field.cqe_prev = (elm);  \
 (head)->cqh_first = (elm);     \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_TAIL(head, elm, field) do {   \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 (elm)->field.cqe_next
 = CIRCLEQ_END(head);   \
 (elm)->field.cqe_prev = (head)->cqh_last;   \
 if ((head)->cqh_first == CIRCLEQ_ENDC(head))   \
  (head)->cqh_first = (elm);    \
 else       \
  (head)->cqh_last->field.cqe_next = (elm);  \
 (head)->cqh_last = (elm);     \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_REMOVE(head, elm, field) do {    \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 QUEUEDEBUG_CIRCLEQ_ELM((head), (elm), field)   \
 if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head))  \
  (head)->cqh_last = (elm)->field.cqe_prev;  \
 else       \
  (elm)->field.cqe_next->field.cqe_prev =   \
     (elm)->field.cqe_prev;    \
 if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head))  \
  (head)->cqh_first = (elm)->field.cqe_next;  \
 else       \
  (elm)->field.cqe_prev->field.cqe_next =   \
     (elm)->field.cqe_next;    \
 QUEUEDEBUG_CIRCLEQ_POSTREMOVE((elm), field)   \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_FOREACH(var, head, field)    \
 for ((var) = ((head)->cqh_first);    \
  (var) != CIRCLEQ_ENDC(head);    \
  (var)
```

```
 = ((var)->field.cqe_next))

#define CIRCLEQ_FOREACH_REVERSE(var, head, field)   \
 for ((var) = ((head)->cqh_last);    \
  (var) != CIRCLEQ_ENDC(head);    \
  (var) = ((var)->field.cqe_prev))

/*
* Circular queue access methods.
*/
#define CIRCLEQ_FIRST(head)  ((head)->cqh_first)
#define CIRCLEQ_LAST(head)  ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head)  (__launder_type(head))
/* For assignments */
#define CIRCLEQ_END(head)  ((void *)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)
#define CIRCLEQ_EMPTY(head)      \
   (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

#define CIRCLEQ_LOOP_NEXT(head, elm, field)    \
 (((elm)->field.cqe_next == CIRCLEQ_ENDC(head))   \
     ? ((head)->cqh_first)     \
     : (elm->field.cqe_next))
#define CIRCLEQ_LOOP_PREV(head, elm, field)    \
 (((elm)->field.cqe_prev == CIRCLEQ_ENDC(head))   \
     ? ((head)->cqh_last)     \
     :
 (elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/$_pkgname/$_pkgname-$pkgver.tar.gz"
```

```
builddir="$srcdir"/$_pkgname-$pkgver

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

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

package() {
 gpep517 install-wheel --destdir "$pkgdir" \
  .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
  flake8-copyright-0.2.4.tar.gz
"
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
 default_prepare

 cargo fetch --target="$CTARGET" --locked
}

build() {
 cargo auditable build --release --frozen
}

check() {
 cargo test --frozen
}

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

```
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5  cargo-license-0.6.1.tar.gz
"
/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

#ifndef _SYS_TREE_H_
#define _SYS_TREE_H_

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y)      \
 ((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) ||   \
  (__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0
#endif

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
```

```
#else
#define _sys_tree_h_unused /* delete */
#endif

/*
* This file defines data structures for different types of trees:
* splay trees and red-black trees.
*
* A splay tree is a self-organizing
 data structure.  Every operation
* on the tree causes a splay to happen.  The splay moves the requested
* node to the root of the tree and partly rebalances it.
*
* This has the benefit that request locality causes faster lookups as
* the requested nodes move to the top of the tree.  On the other hand,
* every lookup causes memory writes.
*
* The Balance Theorem bounds the total access time for m operations
* and n inserts on an initially empty tree as O((m + n)lg n).  The
* amortized cost for a sequence of m accesses to a splay tree is O(lg n);
*
* A red-black tree is a binary search tree with the node color as an
* extra attribute.  It fulfills a set of conditions:
* - every search path from the root to a leaf consists of the
*   same number of black nodes,
* - each red node (except for the root) has a black parent,
* - each leaf node is black.
*
* Every operation on a red-black tree is bounded as O(lg n).
* The maximum height of a red-black tree is 2lg (n+1).
 */

#define SPLAY_HEAD(name, type)      \
struct name {       \
 struct type *sph_root; /* root of the tree */   \
}

#define SPLAY_INITIALIZER(root)     \
 { NULL }

#define SPLAY_INIT(root) do {      \
 (root)->sph_root = NULL;     \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ENTRY(type)      \
struct {        \
 struct type *spe_left; /* left element */   \
 struct type *spe_right; /* right element */   \
```

```
}

#define SPLAY_LEFT(elm, field)  (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field)  (elm)->field.spe_right
#define SPLAY_ROOT(head)  (head)->sph_root
#define SPLAY_EMPTY(head)  (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do {   \
 SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
 SPLAY_RIGHT(tmp, field) = (head)->sph_root;   \
 (head)->sph_root = tmp;      \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do {   \
 SPLAY_RIGHT((head)->sph_root,
 field) = SPLAY_LEFT(tmp, field); \
 SPLAY_LEFT(tmp, field) = (head)->sph_root;   \
 (head)->sph_root = tmp;      \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do {    \
 SPLAY_LEFT(tmp, field) = (head)->sph_root;   \
 tmp = (head)->sph_root;      \
 (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);  \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do {    \
 SPLAY_RIGHT(tmp, field) = (head)->sph_root;   \
 tmp = (head)->sph_root;      \
 (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do {  \
 SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
 SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field);\
 SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
 SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define
 SPLAY_PROTOTYPE(name, type, field, cmp)    \
void name##_SPLAY(struct name *, struct type *);   \
void name##_SPLAY_MINMAX(struct name *, int);    \
struct type *name##_SPLAY_INSERT(struct name *, struct type *);  \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *);  \
```

```
        \
/* Finds the node with the same key as elm */    \
static __inline struct type *      \
name##_SPLAY_FIND(struct name *head, struct type *elm)   \
{        \
 if (SPLAY_EMPTY(head))      \
  return(NULL);      \
 name##_SPLAY(head, elm);     \
 if ((cmp)(elm, (head)->sph_root) == 0)    \
  return (head->sph_root);    \
 return (NULL);       \
}        \
        \
static __inline _sys_tree_h_unused struct type *   \
name##_SPLAY_NEXT(struct name *head, struct type *elm)   \
{        \
 name##_SPLAY(head, elm);     \
 if (SPLAY_RIGHT(elm, field) != NULL) {    \
  elm = SPLAY_RIGHT(elm, field);    \
  while (SPLAY_LEFT(elm, field) != NULL) {  \
   elm = SPLAY_LEFT(elm, field);   \
  }       \
 }
 else       \
  elm = NULL;      \
 return (elm);       \
}        \
        \
static _sys_tree_h_unused __inline struct type *   \
name##_SPLAY_MIN_MAX(struct name *head, int val)   \
{        \
 name##_SPLAY_MINMAX(head, val);     \
       return (SPLAY_ROOT(head));     \
}

/* Main splay operation.
* Moves node close to the key of elm to top
*/
#define SPLAY_GENERATE(name, type, field, cmp)    \
struct type *        \
name##_SPLAY_INSERT(struct name *head, struct type *elm)  \
{        \
   if (SPLAY_EMPTY(head)) {      \
     SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
   } else {       \
     int __comp;       \
     name##_SPLAY(head, elm);     \
     __comp = (cmp)(elm, (head)->sph_root);   \
```

```
    if(__comp < 0) {      \
     SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
     SPLAY_RIGHT(elm, field) = (head)->sph_root;  \
     SPLAY_LEFT((head)->sph_root, field) = NULL;  \
    } else if (__comp > 0) {     \
     SPLAY_RIGHT(elm,
 field) = SPLAY_RIGHT((head)->sph_root, field);\
     SPLAY_LEFT(elm, field) = (head)->sph_root;  \
     SPLAY_RIGHT((head)->sph_root, field) = NULL; \
    } else       \
     return ((head)->sph_root);    \
  }        \
  (head)->sph_root = (elm);      \
  return (NULL);       \
}        \
       \
struct type *        \
name##_SPLAY_REMOVE(struct name *head, struct type *elm)  \
{        \
 struct type *__tmp;      \
 if (SPLAY_EMPTY(head))      \
  return (NULL);      \
 name##_SPLAY(head, elm);     \
 if ((cmp)(elm, (head)->sph_root) == 0) {   \
  if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
   (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
  } else {      \
   __tmp = SPLAY_RIGHT((head)->sph_root, field); \
   (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
   name##_SPLAY(head, elm);   \
   SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
  }       \
  return (elm);      \
 }        \
 return (NULL);       \
}        \
       \
void         \
name##_SPLAY(struct
 name *head, struct type *elm)   \
{        \
 struct type __node, *__left, *__right, *__tmp;   \
 int __comp;       \
\
 SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
 __left = __right = &__node;     \
\
 while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) {  \
```

```
 if (__comp < 0) {     \
  __tmp = SPLAY_LEFT((head)->sph_root, field); \
  if (__tmp == NULL)    \
   break;     \
  if ((cmp)(elm, __tmp) < 0){   \
   SPLAY_ROTATE_RIGHT(head, __tmp, field); \
   if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
    break;    \
  }      \
  SPLAY_LINKLEFT(head, __right, field);  \
 } else if (__comp > 0) {    \
  __tmp = SPLAY_RIGHT((head)->sph_root, field); \
  if (__tmp == NULL)    \
   break;     \
  if ((cmp)(elm, __tmp) > 0){   \
   SPLAY_ROTATE_LEFT(head, __tmp, field); \
   if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
    break;    \
  }      \
  SPLAY_LINKRIGHT(head, __left, field);  \
 }       \
}       \
 SPLAY_ASSEMBLE(head,
 &__node, __left, __right, field);  \
}        \
       \
/* Splay with either the minimum or the maximum element   \
* Used to find minimum or maximum element in tree.   \
*/        \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{        \
 struct type __node, *__left, *__right, *__tmp;   \
\
 SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
 __left = __right = &__node;     \
\
 while (1) {       \
  if (__comp < 0) {     \
   __tmp = SPLAY_LEFT((head)->sph_root, field); \
   if (__tmp == NULL)    \
    break;     \
   if (__comp < 0){    \
    SPLAY_ROTATE_RIGHT(head, __tmp, field); \
    if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
     break;    \
   }      \
   SPLAY_LINKLEFT(head, __right, field);  \
  } else if (__comp > 0) {    \
```

```
  __tmp = SPLAY_RIGHT((head)->sph_root, field); \
  if (__tmp == NULL)    \
   break;     \
  if (__comp > 0) {    \
   SPLAY_ROTATE_LEFT(head, __tmp, field); \
   if (SPLAY_RIGHT((head)->sph_root,
 field) == NULL)\
    break;    \
  }      \
  SPLAY_LINKRIGHT(head, __left, field);  \
 }       \
 }       \
 SPLAY_ASSEMBLE(head, &__node, __left, __right, field);  \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y)  name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y)  name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x)  (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x)  (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head)     \
 for ((x) = SPLAY_MIN(name, head);    \
     (x) != NULL;      \
     (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type)      \
struct name {        \
 struct type *rbh_root; /* root of the tree */   \
}

#define RB_INITIALIZER(root)      \
 {
 NULL }

#define RB_INIT(root) do {      \
 (root)->rbh_root = NULL;     \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED  1
```

```
#define RB_ENTRY(type)      \
struct {        \
 struct type *rbe_left;  /* left element */  \
 struct type *rbe_right;  /* right element */  \
 struct type *rbe_parent; /* parent element */  \
 int rbe_color;   /* node color */  \
}

#define RB_LEFT(elm, field)  (elm)->field.rbe_left
#define RB_RIGHT(elm, field)  (elm)->field.rbe_right
#define RB_PARENT(elm, field)  (elm)->field.rbe_parent
#define RB_COLOR(elm, field)  (elm)->field.rbe_color
#define RB_ROOT(head)   (head)->rbh_root
#define RB_EMPTY(head)   (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do {     \
 RB_PARENT(elm, field) = parent;     \
 RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL;  \
 RB_COLOR(elm, field) = RB_RED;     \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do {    \
 RB_COLOR(black, field) = RB_BLACK;    \
 RB_COLOR(red, field)
 = RB_RED;     \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do {   \
 (tmp) = RB_RIGHT(elm, field);     \
 if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
  RB_PARENT(RB_LEFT(tmp, field), field) = (elm);  \
 }       \
 RB_AUGMENT(elm);      \
 if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
  if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
   RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
  else      \
   RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
 } else       \
 (head)->rbh_root = (tmp);    \
 RB_LEFT(tmp, field) = (elm);     \
 RB_PARENT(elm, field) = (tmp);     \
 RB_AUGMENT(tmp);      \
 if ((RB_PARENT(tmp, field)))     \
```

```
 RB_AUGMENT(RB_PARENT(tmp, field));  \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do {  \
 (tmp) = RB_LEFT(elm, field);    \
 if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field))
 != NULL) { \
  RB_PARENT(RB_RIGHT(tmp, field), field) = (elm);  \
 }       \
 RB_AUGMENT(elm);     \
 if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
  if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
   RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
  else      \
   RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
 } else       \
  (head)->rbh_root = (tmp);   \
 RB_RIGHT(tmp, field) = (elm);    \
 RB_PARENT(elm, field) = (tmp);    \
 RB_AUGMENT(tmp);     \
 if ((RB_PARENT(tmp, field)))    \
  RB_AUGMENT(RB_PARENT(tmp, field));  \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp)   \
 RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp)  \
 RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr)  \
attr void name##_RB_INSERT_COLOR(struct name *, struct
 type *);  \
attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *);\
attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
attr struct type *name##_RB_INSERT(struct name *, struct type *); \
attr struct type *name##_RB_FIND(struct name *, struct type *);  \
attr struct type *name##_RB_NFIND(struct name *, struct type *); \
attr struct type *name##_RB_NEXT(struct type *);  \
attr struct type *name##_RB_PREV(struct type *);  \
attr struct type *name##_RB_MINMAX(struct name *, int);  \
       \

/* Main rb operation.
* Moves node close to the key of elm to top
*/
#define RB_GENERATE(name, type, field, cmp)   \
 RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp)  \
```

```
 RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr)  \
attr void       \
name##_RB_INSERT_COLOR(struct name *head, struct type *elm)  \
{       \
 struct type
 *parent, *gparent, *tmp;    \
 while ((parent = RB_PARENT(elm, field)) != NULL &&  \
     RB_COLOR(parent, field) == RB_RED) {    \
  gparent = RB_PARENT(parent, field);   \
  if (parent == RB_LEFT(gparent, field)) {  \
   tmp = RB_RIGHT(gparent, field);   \
   if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
    RB_COLOR(tmp, field) = RB_BLACK; \
    RB_SET_BLACKRED(parent, gparent, field);\
    elm = gparent;    \
    continue;    \
   }      \
   if (RB_RIGHT(parent, field) == elm) {  \
    RB_ROTATE_LEFT(head, parent, tmp, field);\
    tmp = parent;    \
    parent = elm;    \
    elm = tmp;    \
   }      \
   RB_SET_BLACKRED(parent, gparent, field); \
   RB_ROTATE_RIGHT(head, gparent, tmp, field); \
  } else {      \
   tmp = RB_LEFT(gparent, field);   \
   if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
    RB_COLOR(tmp, field) = RB_BLACK; \
    RB_SET_BLACKRED(parent, gparent, field);\
    elm = gparent;    \
    continue;    \
   }      \
   if (RB_LEFT(parent, field) == elm)
  {  \
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    tmp = parent;    \
    parent = elm;    \
    elm = tmp;    \
   }      \
   RB_SET_BLACKRED(parent, gparent, field); \
   RB_ROTATE_LEFT(head, gparent, tmp, field); \
  }       \
 }       \
 RB_COLOR(head->rbh_root, field) = RB_BLACK;   \
}       \
       \
```

```
attr void       \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{       \
 struct type *tmp;     \
 while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
     elm != RB_ROOT(head)) {     \
  if (RB_LEFT(parent, field) == elm) {   \
   tmp = RB_RIGHT(parent, field);   \
   if (RB_COLOR(tmp, field) == RB_RED) {  \
    RB_SET_BLACKRED(tmp, parent, field); \
    RB_ROTATE_LEFT(head, parent, tmp, field);\
    tmp = RB_RIGHT(parent, field);  \
   }     \
   if ((RB_LEFT(tmp, field) == NULL ||  \
       RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
       (RB_RIGHT(tmp, field) == NULL ||  \
       RB_COLOR(RB_RIGHT(tmp,
 field), field) == RB_BLACK)) {\
    RB_COLOR(tmp, field) = RB_RED;  \
    elm = parent;    \
    parent = RB_PARENT(elm, field);  \
   } else {     \
    if (RB_RIGHT(tmp, field) == NULL || \
        RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
     struct type *oleft;  \
     if ((oleft = RB_LEFT(tmp, field)) \
         != NULL)   \
      RB_COLOR(oleft, field) = RB_BLACK;\
     RB_COLOR(tmp, field) = RB_RED; \
     RB_ROTATE_RIGHT(head, tmp, oleft, field);\
     tmp = RB_RIGHT(parent, field); \
    }     \
    RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
    RB_COLOR(parent, field) = RB_BLACK; \
    if (RB_RIGHT(tmp, field))  \
     RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK;\
    RB_ROTATE_LEFT(head, parent, tmp, field);\
    elm = RB_ROOT(head);   \
    break;     \
   }      \
  } else {      \
   tmp = RB_LEFT(parent, field);   \
   if (RB_COLOR(tmp, field) == RB_RED) {  \
    RB_SET_BLACKRED(tmp, parent, field); \
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    tmp
 = RB_LEFT(parent, field);  \
   }      \
```

```
  if ((RB_LEFT(tmp, field) == NULL ||  \
      RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
      (RB_RIGHT(tmp, field) == NULL ||  \
      RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
    RB_COLOR(tmp, field) = RB_RED;  \
    elm = parent;    \
    parent = RB_PARENT(elm, field);  \
   } else {     \
    if (RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
     struct type *oright;  \
     if ((oright = RB_RIGHT(tmp, field)) \
         != NULL)   \
      RB_COLOR(oright, field) = RB_BLACK;\
     RB_COLOR(tmp, field) = RB_RED; \
     RB_ROTATE_LEFT(head, tmp, oright, field);\
     tmp = RB_LEFT(parent, field); \
    }     \
    RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
    RB_COLOR(parent, field) = RB_BLACK; \
    if (RB_LEFT(tmp, field))  \
     RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    elm = RB_ROOT(head);   \
    break;     \
   }      \
  }       \
 }        \
 if
 (elm)       \
  RB_COLOR(elm, field) = RB_BLACK;   \
}         \
        \
attr struct type *       \
name##_RB_REMOVE(struct name *head, struct type *elm)   \
{         \
 struct type *child, *parent, *old = elm;   \
 int color;       \
 if (RB_LEFT(elm, field) == NULL)    \
  child = RB_RIGHT(elm, field);    \
 else if (RB_RIGHT(elm, field) == NULL)    \
  child = RB_LEFT(elm, field);    \
 else {        \
  struct type *left;     \
  elm = RB_RIGHT(elm, field);    \
  while ((left = RB_LEFT(elm, field)) != NULL)  \
   elm = left;     \
  child = RB_RIGHT(elm, field);    \
```

```
 parent = RB_PARENT(elm, field);    \
 color = RB_COLOR(elm, field);    \
 if (child)      \
  RB_PARENT(child, field) = parent;  \
 if (parent) {      \
  if (RB_LEFT(parent, field) == elm)  \
   RB_LEFT(parent, field) = child;  \
  else      \
   RB_RIGHT(parent, field) = child; \
  RB_AUGMENT(parent);    \
 } else       \
  RB_ROOT(head)
= child;    \
 if (RB_PARENT(elm, field) == old)   \
  parent = elm;     \
 (elm)->field = (old)->field;    \
 if (RB_PARENT(old, field)) {    \
  if (RB_LEFT(RB_PARENT(old, field), field) == old)\
   RB_LEFT(RB_PARENT(old, field), field) = elm;\
  else      \
   RB_RIGHT(RB_PARENT(old, field), field) = elm;\
  RB_AUGMENT(RB_PARENT(old, field));  \
 } else       \
  RB_ROOT(head) = elm;    \
 RB_PARENT(RB_LEFT(old, field), field) = elm;  \
 if (RB_RIGHT(old, field))    \
  RB_PARENT(RB_RIGHT(old, field), field) = elm; \
 if (parent) {      \
  left = parent;     \
  do {      \
   RB_AUGMENT(left);   \
  } while ((left = RB_PARENT(left, field)) != NULL); \
 }       \
 goto color;      \
}        \
parent = RB_PARENT(elm, field);     \
color = RB_COLOR(elm, field);     \
if (child)       \
 RB_PARENT(child, field) = parent;   \
if (parent) {       \
 if (RB_LEFT(parent, field) == elm)   \
  RB_LEFT(parent, field) = child;   \
 else       \
  RB_RIGHT(parent,
field) = child;  \
 RB_AUGMENT(parent);     \
} else        \
 RB_ROOT(head) = child;     \
```

```
color:		\
 if (color == RB_BLACK)		\
  name##_RB_REMOVE_COLOR(head, parent, child);	\
 return (old);		\
}		\
		\
/* Inserts a node into the RB tree */		\
attr struct type *		\
name##_RB_INSERT(struct name *head, struct type *elm)	\
{		\
 struct type *tmp;		\
 struct type *parent = NULL;		\
 int comp = 0;		\
 tmp = RB_ROOT(head);		\
 while (tmp) {		\
  parent = tmp;		\
  comp = (cmp)(elm, parent);		\
  if (comp < 0)		\
   tmp = RB_LEFT(tmp, field);		\
  else if (comp > 0)		\
   tmp = RB_RIGHT(tmp, field);		\
  else		\
   return (tmp);		\
 }		\
 RB_SET(elm, parent, field);		\
 if (parent != NULL) {		\
  if (comp < 0)		\
   RB_LEFT(parent, field) = elm;		\
  else		\
   RB_RIGHT(parent, field) = elm;		\
  RB_AUGMENT(parent);		\
 } else		\
  RB_ROOT(head) = elm;		\
 name##_RB_INSERT_COLOR(head,
 elm);		\
 return (NULL);		\
}		\
		\
/* Finds the node with the same key as elm */		\
attr struct type *		\
name##_RB_FIND(struct name *head, struct type *elm)	\
{		\
 struct type *tmp = RB_ROOT(head);		\
 int comp;		\
 while (tmp) {		\
  comp = cmp(elm, tmp);		\
  if (comp < 0)		\
   tmp = RB_LEFT(tmp, field);		\
```

```
 else if (comp > 0)     \
  tmp = RB_RIGHT(tmp, field);   \
 else       \
  return (tmp);     \
 }        \
 return (NULL);       \
}         \
        \
/* Finds the first node greater than or equal to the search key */ \
attr struct type *       \
name##_RB_NFIND(struct name *head, struct type *elm)   \
{         \
 struct type *tmp = RB_ROOT(head);    \
 struct type *res = NULL;     \
 int comp;       \
 while (tmp) {       \
  comp = cmp(elm, tmp);     \
  if (comp < 0) {      \
   res = tmp;     \
   tmp = RB_LEFT(tmp, field);   \
  }       \
  else if (comp > 0)     \
   tmp =
 RB_RIGHT(tmp, field);   \
  else       \
   return (tmp);     \
 }        \
 return (res);       \
}         \
        \
/* ARGSUSED */       \
attr struct type *       \
name##_RB_NEXT(struct type *elm)     \
{         \
 if (RB_RIGHT(elm, field)) {     \
  elm = RB_RIGHT(elm, field);    \
  while (RB_LEFT(elm, field))    \
   elm = RB_LEFT(elm, field);   \
 } else {       \
  if (RB_PARENT(elm, field) &&    \
     (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
   elm = RB_PARENT(elm, field);   \
  else {       \
   while (RB_PARENT(elm, field) &&   \
       (elm == RB_RIGHT(RB_PARENT(elm, field), field)))\
    elm = RB_PARENT(elm, field);  \
   elm = RB_PARENT(elm, field);   \
  }       \
```

```
 }       \
 return (elm);       \
}        \
        \
/* ARGSUSED */       \
attr struct type *       \
name##_RB_PREV(struct type *elm)     \
{        \
 if (RB_LEFT(elm, field)) {     \
  elm = RB_LEFT(elm, field);    \
  while (RB_RIGHT(elm, field))    \
   elm = RB_RIGHT(elm, field);   \
 }
 else {       \
  if (RB_PARENT(elm, field) &&    \
      (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
   elm = RB_PARENT(elm, field);   \
  else {       \
   while (RB_PARENT(elm, field) &&   \
       (elm == RB_LEFT(RB_PARENT(elm, field), field)))\
    elm = RB_PARENT(elm, field);  \
   elm = RB_PARENT(elm, field);   \
  }       \
 }       \
 return (elm);       \
}        \
        \
attr struct type *       \
name##_RB_MINMAX(struct name *head, int val)    \
{        \
 struct type *tmp = RB_ROOT(head);    \
 struct type *parent = NULL;     \
 while (tmp) {       \
  parent = tmp;      \
  if (val < 0)      \
   tmp = RB_LEFT(tmp, field);   \
  else       \
   tmp = RB_RIGHT(tmp, field);   \
 }       \
 return (parent);      \
}

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
```

```
#define RB_NFIND(name, x, y) name##_RB_NFIND(x,
 y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x)  name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x)  name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head)     \
 for ((x) = RB_MIN(name, head);     \
      (x) != NULL;      \
      (x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y)     \
 for ((x) = (y);       \
     ((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
      (x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y)    \
 for ((x) = RB_MIN(name, head);     \
     ((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
      (x) = (y))

#define RB_FOREACH_REVERSE(x, name, head)    \
 for ((x) = RB_MAX(name, head);     \
      (x) != NULL;      \
      (x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y)    \
 for ((x) = (y);       \
     ((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
      (x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name,
 head, y)   \
 for ((x) = RB_MAX(name, head);     \
     ((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
      (x) = (y))

#endif /* _SYS_TREE_H_ */
```

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1.139 alpine-release 3.22.1-r0

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```
# Automatically generated by apkbuild-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
maintainer="Celeste <cielesti@protonmail.com>"
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=10
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/$_pkgreal-$pkgver"

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

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

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

```
sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
  BSD-Resource-1.2911.tar.gz
"
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 OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.
# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=2
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz
 0001-bsd-games-scores-dir.patch
 "
options="!check" # no tests

build() {
 # some GNU autoconf options are ignored, but it works
 ./configure \
```

```
  --build=$CBUILD \
  --host=$CHOST \
  --prefix=/usr \
  --sysconfdir=/etc \
  --mandir=/usr/share/man \
  --scoredir=/usr/share/$pkgname
 make
}

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

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
  bsd-games-3.3.tar.gz
e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0
577b7e278029ca5ed50f7aab22319f6  0001-bsd-games-scores-dir.patch
"
```

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mini_sendmail - accept email on behalf of real sendmail

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```
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check"  # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2
 "

builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
 update_config_sub
 default_prepare
}

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

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

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020  libart_lgpl-2.3.21.tar.bz2"
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.26.0
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

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

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

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

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

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

```
sha512sums="
67e618d4642dfe4f366935d9514d6f7941d3711e77c49bc1b340ac572d36015981b8f10c72a9f80f1d83e132ae7e5093c
0155e0c0e786e4777ee16d1cb7b885a  license-list-data-3.26.0.tar.gz
"
# Contributor: Patrycja Rosa <alpine@ptrcnull.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
 cdefs.h
 queue.h
 tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
 mkdir -p "$pkgdir"
 install -Dm644 -t "$pkgdir"/usr/include/sys \
  cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178  cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750  queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3  tree.h
"
```

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:
"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html

```
# Contributor: Dhruvin Gandhi <contact@dhru.vin>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license_expression
pkgver=30.4.1
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/$_pkgname/$_pkgname-$pkgver.tar.gz"
builddir="$srcdir/$_pkgname-$pkgver"

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

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

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

```
}

sha512sums="
114c630f098939757e49187e35b4e54883266a2ee9ca283724992420ef4c860f9606a8342da0ab74d93627c10805f312
fda3f699cbc7c4fbd47a71e220440fb0
  license_expression-30.4.1.tar.gz
"
/* $NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp $ */

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*
* @(#)queue.h 8.5 (Berkeley) 8/20/94
*/

#ifndef _SYS_QUEUE_H_
#define _SYS_QUEUE_H_

/*
* This file defines five types of data structures: singly-linked lists,
* lists, simple queues, tail queues, and circular queues.
*
```

```
* A singly-linked list is headed by a single forward pointer. The
* elements are singly linked for minimum space and
 pointer manipulation
* overhead at the expense of O(n) removal for arbitrary elements. New
* elements can be added to the list after an existing element or at the
* head of the list.  Elements being removed from the head of the list
* should use the explicit macro for this purpose for optimum
* efficiency. A singly-linked list may only be traversed in the forward
* direction.  Singly-linked lists are ideal for applications with large
* datasets and few or no removals or for implementing a LIFO queue.
*
* A list is headed by a single forward pointer (or an array of forward
* pointers for a hash table header). The elements are doubly linked
* so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before
* or after an existing element or at the head of the list. A list
* may only be traversed in the forward direction.
*
* A simple queue is headed by a pair of pointers, one the head of the
* list and the
 other to the tail of the list. The elements are singly
* linked to save space, so elements can only be removed from the
* head of the list. New elements can be added to the list after
* an existing element, at the head of the list, or at the end of the
* list. A simple queue may only be traversed in the forward direction.
*
* A tail queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before or
* after an existing element, at the head of the list, or at the end of
* the list. A tail queue may be traversed in either direction.
*
* A circle queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements
 can be added to the list before or after
* an existing element, at the head of the list, or at the end of the list.
* A circle queue may be traversed in either direction, but has a more
* complex end of list detection.
*
* For details on the use of these macros, see the queue(3) manual page.
*/

/*
* Include the definition of NULL only on NetBSD because sys/null.h
* is not available elsewhere.  This conditional makes the header
```

```
* portable and it can simply be dropped verbatim into any system.
* The caveat is that on other systems some other header
* must provide NULL before the macros can be used.
*/
#ifdef __NetBSD__
#include <sys/null.h>
#endif

#if defined(QUEUEDEBUG)
# if defined(_KERNEL)
#  define QUEUEDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
#  include <err.h>
#  define QUEUEDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif

/*
* Singly-linked List definitions.
*/
#define SLIST_HEAD(name, type)      \
struct name {       \
 struct type *slh_first; /* first
 element */   \
}

#define SLIST_HEAD_INITIALIZER(head)     \
 { NULL }

#define SLIST_ENTRY(type)      \
struct {       \
 struct type *sle_next; /* next element */   \
}

/*
* Singly-linked List access methods.
*/
#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head)  NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

#define SLIST_FOREACH(var, head, field)     \
 for((var) = (head)->slh_first;     \
    (var) != SLIST_END(head);     \
    (var) = (var)->field.sle_next)

#define SLIST_FOREACH_SAFE(var, head, field, tvar)   \
```

```
 for ((var) = SLIST_FIRST((head));    \
     (var) != SLIST_END(head) &&     \
     ((tvar) = SLIST_NEXT((var), field), 1);   \
     (var) = (tvar))

/*
* Singly-linked List functions.
*/
#define SLIST_INIT(head) do {      \
 (head)->slh_first = SLIST_END(head);    \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do {   \
 (elm)->field.sle_next = (slistelm)->field.sle_next;  \
 (slistelm)->field.sle_next
 = (elm);    \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_HEAD(head, elm, field) do {   \
 (elm)->field.sle_next = (head)->slh_first;   \
 (head)->slh_first = (elm);     \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do {   \
 (slistelm)->field.sle_next =     \
     SLIST_NEXT(SLIST_NEXT((slistelm), field), field);  \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do {    \
 (head)->slh_first = (head)->slh_first->field.sle_next;  \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do {   \
 if ((head)->slh_first == (elm)) {    \
  SLIST_REMOVE_HEAD((head), field);   \
 }       \
 else {       \
  struct type *curelm = (head)->slh_first;  \
  while(curelm->field.sle_next != (elm))   \
   curelm = curelm->field.sle_next;  \
  curelm->field.sle_next =    \
      curelm->field.sle_next->field.sle_next;  \
 }       \
} while (/*CONSTCOND*/0)


/*
* List definitions.
```

```
 */
#define LIST_HEAD(name, type)      \
struct name {        \
 struct type *lh_first; /* first element */   \
}

#define LIST_HEAD_INITIALIZER(head)     \
 { NULL }

#define LIST_ENTRY(type)      \
struct {        \
 struct type *le_next; /* next element */   \
 struct type **le_prev; /* address of previous next element */ \
}

/*
* List access methods.
*/
#define LIST_FIRST(head)  ((head)->lh_first)
#define LIST_END(head)   NULL
#define LIST_EMPTY(head)  ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field)  ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field)     \
 for ((var) = ((head)->lh_first);    \
     (var) != LIST_END(head);     \
     (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar)   \
 for ((var) = LIST_FIRST((head));    \
     (var) != LIST_END(head) &&     \
     ((tvar) = LIST_NEXT((var), field), 1);   \
     (var) = (tvar))

#define LIST_MOVE(head1, head2) do {     \
 LIST_INIT((head2));      \
 if (!LIST_EMPTY((head1)))
 {     \
  (head2)->lh_first = (head1)->lh_first;   \
  LIST_INIT((head1));     \
 }        \
} while (/*CONSTCOND*/0)

/*
* List functions.
*/
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)   \
```

```
 if ((head)->lh_first &&      \
    (head)->lh_first->field.le_prev != &(head)->lh_first) \
  QUEUEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
      __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_OP(elm, field)     \
 if ((elm)->field.le_next &&     \
    (elm)->field.le_next->field.le_prev !=   \
    &(elm)->field.le_next)     \
  QUEUEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm),  \
      __FILE__, __LINE__);    \
 if (*(elm)->field.le_prev != (elm))    \
  QUEUEDEBUG_ABORT("LIST_* back %p %s:%d", (elm),  \
      __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)    \
 (elm)->field.le_next = (void *)1L;    \
 (elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_LIST_OP(elm,
 field)
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do {      \
 (head)->lh_first = LIST_END(head);    \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do {   \
 QUEUEDEBUG_LIST_OP((listelm), field)    \
 if (((elm)->field.le_next = (listelm)->field.le_next) !=  \
    LIST_END(head))      \
  (listelm)->field.le_next->field.le_prev =  \
     &(elm)->field.le_next;    \
 (listelm)->field.le_next = (elm);    \
 (elm)->field.le_prev = &(listelm)->field.le_next;  \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do {   \
 QUEUEDEBUG_LIST_OP((listelm), field)    \
 (elm)->field.le_prev = (listelm)->field.le_prev;  \
 (elm)->field.le_next = (listelm);    \
 *(listelm)->field.le_prev = (elm);    \
 (listelm)->field.le_prev = &(elm)->field.le_next;  \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do {    \
 QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field)  \
 if (((elm)->field.le_next
```

```
 = (head)->lh_first) != LIST_END(head))\
  (head)->lh_first->field.le_prev = &(elm)->field.le_next;\
 (head)->lh_first = (elm);     \
 (elm)->field.le_prev = &(head)->lh_first;   \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do {     \
 QUEUEDEBUG_LIST_OP((elm), field)    \
 if ((elm)->field.le_next != NULL)    \
  (elm)->field.le_next->field.le_prev =    \
      (elm)->field.le_prev;    \
 *(elm)->field.le_prev = (elm)->field.le_next;   \
 QUEUEDEBUG_LIST_POSTREMOVE((elm), field)   \
} while (/*CONSTCOND*/0)

#define LIST_REPLACE(elm, elm2, field) do {    \
 if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
  (elm2)->field.le_next->field.le_prev =   \
      &(elm2)->field.le_next;    \
 (elm2)->field.le_prev = (elm)->field.le_prev;   \
 *(elm2)->field.le_prev = (elm2);    \
 QUEUEDEBUG_LIST_POSTREMOVE((elm), field)   \
} while (/*CONSTCOND*/0)

/*
* Simple queue definitions.
*/
#define SIMPLEQ_HEAD(name, type)     \
struct name {        \
 struct
 type *sqh_first; /* first element */   \
 struct type **sqh_last; /* addr of last next element */  \
}

#define SIMPLEQ_HEAD_INITIALIZER(head)     \
 { NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type)      \
struct {        \
 struct type *sqe_next; /* next element */   \
}

/*
* Simple queue access methods.
*/
#define SIMPLEQ_FIRST(head)  ((head)->sqh_first)
#define SIMPLEQ_END(head)  NULL
#define SIMPLEQ_EMPTY(head)  ((head)->sqh_first == SIMPLEQ_END(head))
```

```
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

#define SIMPLEQ_FOREACH(var, head, field)    \
 for ((var) = ((head)->sqh_first);    \
     (var) != SIMPLEQ_END(head);     \
     (var) = ((var)->field.sqe_next))

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next)   \
 for ((var) = ((head)->sqh_first);    \
     (var) != SIMPLEQ_END(head) &&    \
     ((next = ((var)->field.sqe_next)), 1);   \
     (var) = (next))

/*
* Simple queue functions.
*/
#define SIMPLEQ_INIT(head) do {      \
 (head)->sqh_first = NULL;     \
 (head)->sqh_last
 = &(head)->sqh_first;    \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do {   \
 if (((elm)->field.sqe_next = (head)->sqh_first) == NULL) \
  (head)->sqh_last = &(elm)->field.sqe_next;  \
 (head)->sqh_first = (elm);     \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do {   \
 (elm)->field.sqe_next = NULL;     \
 *(head)->sqh_last = (elm);     \
 (head)->sqh_last = &(elm)->field.sqe_next;   \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do {  \
 if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL)\
  (head)->sqh_last = &(elm)->field.sqe_next;  \
 (listelm)->field.sqe_next = (elm);    \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do {    \
 if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
  (head)->sqh_last = &(head)->sqh_first;   \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do {   \
 if
```

```
 (((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
    == NULL)      \
  (head)->sqh_last = &(elm)->field.sqe_next;  \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do {   \
 if ((head)->sqh_first == (elm)) {    \
  SIMPLEQ_REMOVE_HEAD((head), field);   \
 } else {      \
  struct type *curelm = (head)->sqh_first;  \
  while (curelm->field.sqe_next != (elm))   \
   curelm = curelm->field.sqe_next;  \
  if ((curelm->field.sqe_next =    \
   curelm->field.sqe_next->field.sqe_next) == NULL) \
      (head)->sqh_last = &(curelm)->field.sqe_next; \
 }       \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do {    \
 if (!SIMPLEQ_EMPTY((head2))) {     \
  *(head1)->sqh_last = (head2)->sqh_first;  \
  (head1)->sqh_last = (head2)->sqh_last;  \
  SIMPLEQ_INIT((head2));     \
 }       \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field)     \
 (SIMPLEQ_EMPTY((head)) ?      \
  NULL :      \
       ((struct type
 *)(void *)    \
  ((char *)((head)->sqh_last) - offsetof(struct type, field))))

/*
* Tail queue definitions.
*/
#define _TAILQ_HEAD(name, type, qual)     \
struct name {       \
 qual type *tqh_first;  /* first element */  \
 qual type *qual *tqh_last; /* addr of last next element */ \
}
#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head)     \
 { TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual)     \
struct {       \
```

```
 qual type *tqe_next;  /* next element */  \
 qual type *qual *tqe_prev; /* address of previous next element */\
}
#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
* Tail queue access methods.
*/
#define TAILQ_FIRST(head)  ((head)->tqh_first)
#define TAILQ_END(head)   (NULL)
#define TAILQ_NEXT(elm, field)  ((elm)->field.tqe_next)
#define TAILQ_LAST(head, headname) \
 (*(((struct headname *)(void *)((head)->tqh_last))->tqh_last))
#define TAILQ_PREV(elm, headname, field) \
 (*(((struct headname
 *)(void *)((elm)->field.tqe_prev))->tqh_last))
#define TAILQ_EMPTY(head)  (TAILQ_FIRST(head) == TAILQ_END(head))


#define TAILQ_FOREACH(var, head, field)     \
 for ((var) = ((head)->tqh_first);    \
     (var) != TAILQ_END(head);     \
     (var) = ((var)->field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next)   \
 for ((var) = ((head)->tqh_first);    \
     (var) != TAILQ_END(head) &&     \
     ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field)  \
 for ((var) = TAILQ_LAST((head), headname);   \
     (var) != TAILQ_END(head);     \
     (var) = TAILQ_PREV((var), headname, field))

#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
 for ((var) = TAILQ_LAST((head), headname);   \
     (var) != TAILQ_END(head) &&     \
     ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
* Tail queue functions.
*/
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head,
 elm, field)   \
 if ((head)->tqh_first &&     \
     (head)->tqh_first->field.tqe_prev != &(head)->tqh_first) \
  QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
```

```
    __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)  \
 if (*(head)->tqh_last != NULL)    \
  QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
    __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field)    \
 if ((elm)->field.tqe_next &&    \
    (elm)->field.tqe_next->field.tqe_prev !=  \
    &(elm)->field.tqe_next)    \
  QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
    __FILE__, __LINE__);   \
 if (*(elm)->field.tqe_prev != (elm))   \
  QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
    __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)  \
 if ((elm)->field.tqe_next == NULL &&   \
    (head)->tqh_last != &(elm)->field.tqe_next)  \
  QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d",\
     (head), (elm), __FILE__,
 __LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)   \
 (elm)->field.tqe_next = (void *)1L;   \
 (elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do {     \
 (head)->tqh_first = TAILQ_END(head);   \
 (head)->tqh_last = &(head)->tqh_first;   \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_HEAD(head, elm, field) do {  \
 QUEUEDEBUG_TAILQ_INSERT_HEAD((head), (elm), field)  \
 if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head))\
  (head)->tqh_first->field.tqe_prev =  \
     &(elm)->field.tqe_next;   \
 else       \
  (head)->tqh_last = &(elm)->field.tqe_next;  \
 (head)->tqh_first = (elm);    \
 (elm)->field.tqe_prev = &(head)->tqh_first;  \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_TAIL(head,
```

```
 elm, field) do {   \
 QUEUEDEBUG_TAILQ_INSERT_TAIL((head), (elm), field)  \
 (elm)->field.tqe_next = TAILQ_END(head);   \
 (elm)->field.tqe_prev = (head)->tqh_last;   \
 *(head)->tqh_last = (elm);     \
 (head)->tqh_last = &(elm)->field.tqe_next;   \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do {  \
 QUEUEDEBUG_TAILQ_OP((listelm), field)    \
 if (((elm)->field.tqe_next = (listelm)->field.tqe_next) !=  \
     TAILQ_END(head))      \
  (elm)->field.tqe_next->field.tqe_prev =   \
      &(elm)->field.tqe_next;    \
 else       \
  (head)->tqh_last = &(elm)->field.tqe_next;  \
 (listelm)->field.tqe_next = (elm);    \
 (elm)->field.tqe_prev = &(listelm)->field.tqe_next;  \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_BEFORE(listelm, elm, field) do {   \
 QUEUEDEBUG_TAILQ_OP((listelm), field)    \
 (elm)->field.tqe_prev = (listelm)->field.tqe_prev;  \
 (elm)->field.tqe_next = (listelm);    \
 *(listelm)->field.tqe_prev = (elm);    \
 (listelm)->field.tqe_prev
 = &(elm)->field.tqe_next;  \
} while (/*CONSTCOND*/0)

#define TAILQ_REMOVE(head, elm, field) do {    \
 QUEUEDEBUG_TAILQ_PREREMOVE((head), (elm), field)  \
 QUEUEDEBUG_TAILQ_OP((elm), field)    \
 if (((elm)->field.tqe_next) != TAILQ_END(head))   \
  (elm)->field.tqe_next->field.tqe_prev =   \
      (elm)->field.tqe_prev;    \
 else       \
  (head)->tqh_last = (elm)->field.tqe_prev;  \
 *(elm)->field.tqe_prev = (elm)->field.tqe_next;   \
 QUEUEDEBUG_TAILQ_POSTREMOVE((elm), field);   \
} while (/*CONSTCOND*/0)

#define TAILQ_REPLACE(head, elm, elm2, field) do {   \
       if (((elm2)->field.tqe_next = (elm)->field.tqe_next) !=  \
     TAILQ_END(head))        \
             (elm2)->field.tqe_next->field.tqe_prev =  \
                 &(elm2)->field.tqe_next;    \
       else       \
             (head)->tqh_last = &(elm2)->field.tqe_next;  \
```

```
        (elm2)->field.tqe_prev = (elm)->field.tqe_prev;   \
        *(elm2)->field.tqe_prev = (elm2);    \
 QUEUEDEBUG_TAILQ_POSTREMOVE((elm),
 field);   \
} while (/*CONSTCOND*/0)

#define TAILQ_CONCAT(head1, head2, field) do {    \
 if (!TAILQ_EMPTY(head2)) {     \
  *(head1)->tqh_last = (head2)->tqh_first;  \
  (head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
  (head1)->tqh_last = (head2)->tqh_last;   \
  TAILQ_INIT((head2));     \
 }       \
} while (/*CONSTCOND*/0)

/*
* Singly-linked Tail queue declarations.
*/
#define STAILQ_HEAD(name, type)      \
struct name {        \
 struct type *stqh_first; /* first element */  \
 struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head)     \
 { NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type)      \
struct {        \
 struct type *stqe_next; /* next element */   \
}

/*
* Singly-linked Tail queue access methods.
*/
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head)
 == STAILQ_END(head))

/*
* Singly-linked Tail queue functions.
*/
#define STAILQ_INIT(head) do {      \
 (head)->stqh_first = NULL;     \
 (head)->stqh_last = &(head)->stqh_first;    \
} while (/*CONSTCOND*/0)
```

```
#define STAILQ_INSERT_HEAD(head, elm, field) do {   \
 if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \
  (head)->stqh_last = &(elm)->field.stqe_next;  \
 (head)->stqh_first = (elm);     \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do {   \
 (elm)->field.stqe_next = NULL;     \
 *(head)->stqh_last = (elm);     \
 (head)->stqh_last = &(elm)->field.stqe_next;   \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do {  \
 if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL)\
  (head)->stqh_last = &(elm)->field.stqe_next;  \
 (listelm)->field.stqe_next = (elm);    \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE_HEAD(head, field) do {    \
 if (((head)->stqh_first = (head)->stqh_first->field.stqe_next)
 == NULL) \
  (head)->stqh_last = &(head)->stqh_first;   \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do {   \
 if ((head)->stqh_first == (elm)) {    \
  STAILQ_REMOVE_HEAD((head), field);   \
 } else {       \
  struct type *curelm = (head)->stqh_first;  \
  while (curelm->field.stqe_next != (elm))   \
   curelm = curelm->field.stqe_next;  \
  if ((curelm->field.stqe_next =    \
   curelm->field.stqe_next->field.stqe_next) == NULL) \
      (head)->stqh_last = &(curelm)->field.stqe_next; \
 }       \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field)    \
 for ((var) = ((head)->stqh_first);    \
  (var);       \
  (var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar)   \
 for ((var) = STAILQ_FIRST((head));    \
    (var) && ((tvar) = STAILQ_NEXT((var), field), 1);  \
    (var) = (tvar))
```

```
#define STAILQ_CONCAT(head1, head2) do {    \
 if (!STAILQ_EMPTY((head2))) {     \
  *(head1)->stqh_last
 = (head2)->stqh_first;  \
  (head1)->stqh_last = (head2)->stqh_last;  \
  STAILQ_INIT((head2));     \
 }       \
} while (/*CONSTCOND*/0)

#define STAILQ_LAST(head, type, field)     \
 (STAILQ_EMPTY((head)) ?      \
  NULL :      \
       ((struct type *)(void *)    \
  ((char *)((head)->stqh_last) - offsetof(struct type, field))))


#ifndef _KERNEL
/*
* Circular queue definitions. Do not use. We still keep the macros
* for compatibility but because of pointer aliasing issues their use
* is discouraged!
*/

/*
* __launder_type():  We use this ugly hack to work around the the compiler
* noticing that two types may not alias each other and elide tests in code.
* We hit this in the CIRCLEQ macros when comparing 'struct name *' and
* 'struct type *' (see CIRCLEQ_HEAD()).  Modern compilers (such as GCC
* 4.8) declare these comparisons as always false, causing the code to
* not run as designed.
*
* This hack is only to be used for comparisons and thus can be fully const.
 * Do not use for assignment.
*
* If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
* this by changing the head/tail sentinal values, but see the note above
* this one.
*/
static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
 __asm __volatile("" : "+r" (__x));
 return __x;
}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)    \
```

```
 if ((head)->cqh_first != CIRCLEQ_ENDC(head) &&   \
    (head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
 QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \
       __FILE__, __LINE__);    \
 if ((head)->cqh_last != CIRCLEQ_ENDC(head) &&   \
    (head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
 QUEUEDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
       __FILE__, __LINE__);
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)   \
 if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) {  \
  if ((head)->cqh_last != (elm))    \
   QUEUEDEBUG_ABORT("CIRCLEQ
 elm last %p %s:%d", \
       (elm), __FILE__, __LINE__);   \
 } else {       \
  if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
   QUEUEDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
       (elm), __FILE__, __LINE__);   \
 }        \
 if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) {  \
  if ((head)->cqh_first != (elm))    \
   QUEUEDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
       (elm), __FILE__, __LINE__);   \
 } else {       \
  if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
   QUEUEDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
       (elm), __FILE__, __LINE__);   \
 }
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)   \
 (elm)->field.cqe_next = (void *)1L;    \
 (elm)->field.cqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#endif

#define CIRCLEQ_HEAD(name, type)     \
struct name {        \
 struct type *cqh_first;  /*
 first element */  \
 struct type *cqh_last;  /* last element */  \
}

#define CIRCLEQ_HEAD_INITIALIZER(head)     \
 { CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type)      \
```

```
struct {        \
 struct type *cqe_next;  /* next element */  \
 struct type *cqe_prev;  /* previous element */  \
}

/*
* Circular queue functions.
*/
#define CIRCLEQ_INIT(head) do {      \
 (head)->cqh_first = CIRCLEQ_END(head);    \
 (head)->cqh_last = CIRCLEQ_END(head);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do {  \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field)  \
 (elm)->field.cqe_next = (listelm)->field.cqe_next;  \
 (elm)->field.cqe_prev = (listelm);    \
 if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head))  \
  (head)->cqh_last = (elm);    \
 else       \
  (listelm)->field.cqe_next->field.cqe_prev = (elm); \
 (listelm)->field.cqe_next = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_BEFORE(head,
 listelm, elm, field) do {  \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field)  \
 (elm)->field.cqe_next = (listelm);    \
 (elm)->field.cqe_prev = (listelm)->field.cqe_prev;  \
 if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head))  \
  (head)->cqh_first = (elm);    \
 else       \
  (listelm)->field.cqe_prev->field.cqe_next = (elm); \
 (listelm)->field.cqe_prev = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do {   \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 (elm)->field.cqe_next = (head)->cqh_first;   \
 (elm)->field.cqe_prev = CIRCLEQ_END(head);   \
 if ((head)->cqh_last == CIRCLEQ_ENDC(head))   \
  (head)->cqh_last = (elm);    \
 else       \
  (head)->cqh_first->field.cqe_prev = (elm);  \
 (head)->cqh_first = (elm);     \
} while (/*CONSTCOND*/0)
```

```
#define CIRCLEQ_INSERT_TAIL(head, elm, field) do {   \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 (elm)->field.cqe_next
 = CIRCLEQ_END(head);   \
 (elm)->field.cqe_prev = (head)->cqh_last;   \
 if ((head)->cqh_first == CIRCLEQ_ENDC(head))   \
  (head)->cqh_first = (elm);    \
 else       \
  (head)->cqh_last->field.cqe_next = (elm);  \
 (head)->cqh_last = (elm);     \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_REMOVE(head, elm, field) do {    \
 QUEUEDEBUG_CIRCLEQ_HEAD((head), field)    \
 QUEUEDEBUG_CIRCLEQ_ELM((head), (elm), field)   \
 if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head))  \
  (head)->cqh_last = (elm)->field.cqe_prev;  \
 else       \
  (elm)->field.cqe_next->field.cqe_prev =   \
     (elm)->field.cqe_prev;    \
 if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head))  \
  (head)->cqh_first = (elm)->field.cqe_next;  \
 else       \
  (elm)->field.cqe_prev->field.cqe_next =   \
     (elm)->field.cqe_next;    \
 QUEUEDEBUG_CIRCLEQ_POSTREMOVE((elm), field)   \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_FOREACH(var, head, field)    \
 for ((var) = ((head)->cqh_first);    \
  (var) != CIRCLEQ_ENDC(head);    \
  (var)
 = ((var)->field.cqe_next))

#define CIRCLEQ_FOREACH_REVERSE(var, head, field)   \
 for ((var) = ((head)->cqh_last);    \
  (var) != CIRCLEQ_ENDC(head);    \
  (var) = ((var)->field.cqe_prev))

/*
* Circular queue access methods.
*/
#define CIRCLEQ_FIRST(head)  ((head)->cqh_first)
#define CIRCLEQ_LAST(head)  ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head)  (__launder_type(head))
/* For assignments */
```

```
#define CIRCLEQ_END(head)  ((void *)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)
#define CIRCLEQ_EMPTY(head)      \
   (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

#define CIRCLEQ_LOOP_NEXT(head, elm, field)    \
 (((elm)->field.cqe_next == CIRCLEQ_ENDC(head))   \
     ? ((head)->cqh_first)     \
     : (elm->field.cqe_next))
#define CIRCLEQ_LOOP_PREV(head, elm, field)    \
 (((elm)->field.cqe_prev == CIRCLEQ_ENDC(head))   \
     ? ((head)->cqh_last)     \
     :
 (elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */
#ifndef _SYS_CDEFS_H_
#define _SYS_CDEFS_H_

#warning usage of non-standard #include <sys/cdefs.h> is deprecated

#undef __P
#undef __PMT

#define __P(args) args
#define __PMT(args) args

#define __CONCAT(x,y) x ## y
#define __STRING(x) #x

#ifdef  __cplusplus
# define __BEGIN_DECLS extern "C" {
# define __END_DECLS }
#else
# define __BEGIN_DECLS
# define __END_DECLS
#endif

#if defined(__GNUC__) && !defined(__cplusplus)
# define __THROW __attribute__ ((__nothrow__))
# define __NTH(fct) __attribute__ ((__nothrow__)) fct
#else
# define __THROW
# define __NTH(fct)     fct
#endif
```

```
#endif /* _SYS_CDEFS_H_ */
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/$_pkgname/$_pkgname-$pkgver.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

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

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

package() {
 gpep517 install-wheel --destdir "$pkgdir" \
  .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
  flake8-copyright-0.2.4.tar.gz
"
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"
```

```
prepare() {
 default_prepare

 cargo fetch --target="$CTARGET" --locked
}

build() {
 cargo auditable build --release --frozen
}

check() {
 cargo test --frozen
}

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

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5  cargo-license-0.6.1.tar.gz
"
/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
```

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

#ifndef _SYS_TREE_H_
#define _SYS_TREE_H_

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y)      \
 ((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) ||   \
  (__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0
#endif

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif

/*
* This file defines data structures for different types of trees:
* splay trees and red-black trees.
*
* A splay tree is a self-organizing
 data structure.  Every operation
* on the tree causes a splay to happen.  The splay moves the requested
* node to the root of the tree and partly rebalances it.
*
* This has the benefit that request locality causes faster lookups as
* the requested nodes move to the top of the tree.  On the other hand,
* every lookup causes memory writes.
*
* The Balance Theorem bounds the total access time for m operations
* and n inserts on an initially empty tree as O((m + n)lg n).  The
* amortized cost for a sequence of m accesses to a splay tree is O(lg n);
*
* A red-black tree is a binary search tree with the node color as an
* extra attribute.  It fulfills a set of conditions:
* - every search path from the root to a leaf consists of the
*   same number of black nodes,
* - each red node (except for the root) has a black parent,
* - each leaf node is black.
*
* Every operation on a red-black tree is bounded as O(lg n).
* The maximum height of a red-black tree is 2lg (n+1).
 */
```

```
#define SPLAY_HEAD(name, type)      \
struct name {       \
 struct type *sph_root; /* root of the tree */   \
}

#define SPLAY_INITIALIZER(root)     \
 { NULL }

#define SPLAY_INIT(root) do {      \
 (root)->sph_root = NULL;     \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ENTRY(type)      \
struct {       \
 struct type *spe_left; /* left element */   \
 struct type *spe_right; /* right element */   \
}

#define SPLAY_LEFT(elm, field)  (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field)  (elm)->field.spe_right
#define SPLAY_ROOT(head)  (head)->sph_root
#define SPLAY_EMPTY(head)  (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do {   \
 SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
 SPLAY_RIGHT(tmp, field) = (head)->sph_root;   \
 (head)->sph_root = tmp;      \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do {   \
 SPLAY_RIGHT((head)->sph_root,
 field) = SPLAY_LEFT(tmp, field); \
 SPLAY_LEFT(tmp, field) = (head)->sph_root;   \
 (head)->sph_root = tmp;      \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do {    \
 SPLAY_LEFT(tmp, field) = (head)->sph_root;   \
 tmp = (head)->sph_root;      \
 (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);  \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do {    \
 SPLAY_RIGHT(tmp, field) = (head)->sph_root;   \
 tmp = (head)->sph_root;      \
 (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)
```

```
#define SPLAY_ASSEMBLE(head, node, left, right, field) do {  \
 SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
 SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field);\
 SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
 SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define
 SPLAY_PROTOTYPE(name, type, field, cmp)    \
void name##_SPLAY(struct name *, struct type *);   \
void name##_SPLAY_MINMAX(struct name *, int);    \
struct type *name##_SPLAY_INSERT(struct name *, struct type *);  \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *);  \
        \
/* Finds the node with the same key as elm */    \
static __inline struct type *      \
name##_SPLAY_FIND(struct name *head, struct type *elm)   \
{        \
 if (SPLAY_EMPTY(head))      \
  return(NULL);      \
 name##_SPLAY(head, elm);     \
 if ((cmp)(elm, (head)->sph_root) == 0)    \
  return (head->sph_root);    \
 return (NULL);       \
}        \
        \
static __inline _sys_tree_h_unused struct type *   \
name##_SPLAY_NEXT(struct name *head, struct type *elm)   \
{        \
 name##_SPLAY(head, elm);     \
 if (SPLAY_RIGHT(elm, field) != NULL) {    \
  elm = SPLAY_RIGHT(elm, field);    \
  while (SPLAY_LEFT(elm, field) != NULL) {  \
   elm = SPLAY_LEFT(elm, field);   \
  }       \
 }
 else       \
  elm = NULL;      \
 return (elm);       \
}        \
        \
static _sys_tree_h_unused __inline struct type *   \
name##_SPLAY_MIN_MAX(struct name *head, int val)   \
{        \
 name##_SPLAY_MINMAX(head, val);     \
```

```
	return (SPLAY_ROOT(head));	\
}

/* Main splay operation.
* Moves node close to the key of elm to top
*/
#define SPLAY_GENERATE(name, type, field, cmp)	\
struct type *		\
name##_SPLAY_INSERT(struct name *head, struct type *elm)	\
{		\
  if (SPLAY_EMPTY(head)) {	\
    SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
  } else {		\
    int __comp;		\
    name##_SPLAY(head, elm);	\
    __comp = (cmp)(elm, (head)->sph_root);	\
    if(__comp < 0) {	\
     SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
     SPLAY_RIGHT(elm, field) = (head)->sph_root;	\
     SPLAY_LEFT((head)->sph_root, field) = NULL;	\
    } else if (__comp > 0) {	\
     SPLAY_RIGHT(elm,
 field) = SPLAY_RIGHT((head)->sph_root, field);\
     SPLAY_LEFT(elm, field) = (head)->sph_root;	\
     SPLAY_RIGHT((head)->sph_root, field) = NULL; \
    } else	\
     return ((head)->sph_root);	\
  }		\
  (head)->sph_root = (elm);	\
  return (NULL);		\
}		\
		\
struct type *		\
name##_SPLAY_REMOVE(struct name *head, struct type *elm)	\
{		\
 struct type *__tmp;	\
 if (SPLAY_EMPTY(head))	\
  return (NULL);	\
 name##_SPLAY(head, elm);	\
 if ((cmp)(elm, (head)->sph_root) == 0) {	\
  if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
   (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
  } else {	\
   __tmp = SPLAY_RIGHT((head)->sph_root, field); \
   (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
   name##_SPLAY(head, elm);	\
   SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
  }	\
```

```
  return (elm);      \
 }       \
 return (NULL);       \
}        \
        \
void        \
name##_SPLAY(struct
 name *head, struct type *elm)   \
{        \
 struct type __node, *__left, *__right, *__tmp;   \
 int __comp;       \
\
 SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
 __left = __right = &__node;     \
\
 while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) {  \
  if (__comp < 0) {     \
   __tmp = SPLAY_LEFT((head)->sph_root, field); \
   if (__tmp == NULL)    \
    break;     \
   if ((cmp)(elm, __tmp) < 0){    \
    SPLAY_ROTATE_RIGHT(head, __tmp, field); \
    if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
     break;    \
   }      \
   SPLAY_LINKLEFT(head, __right, field);  \
  } else if (__comp > 0) {    \
   __tmp = SPLAY_RIGHT((head)->sph_root, field); \
   if (__tmp == NULL)    \
    break;     \
   if ((cmp)(elm, __tmp) > 0){    \
    SPLAY_ROTATE_LEFT(head, __tmp, field); \
    if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
     break;    \
   }      \
   SPLAY_LINKRIGHT(head, __left, field);  \
  }       \
 }       \
 SPLAY_ASSEMBLE(head,
 &__node, __left, __right, field);  \
}        \
        \
/* Splay with either the minimum or the maximum element   \
* Used to find minimum or maximum element in tree.   \
*/        \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{        \
 struct type __node, *__left, *__right, *__tmp;   \
```

```
\
 SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
 __left = __right = &__node;     \
\
 while (1) {       \
  if (__comp < 0) {     \
   __tmp = SPLAY_LEFT((head)->sph_root, field); \
   if (__tmp == NULL)    \
    break;     \
   if (__comp < 0){    \
    SPLAY_ROTATE_RIGHT(head, __tmp, field); \
    if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
     break;    \
   }      \
   SPLAY_LINKLEFT(head, __right, field);  \
  } else if (__comp > 0) {    \
   __tmp = SPLAY_RIGHT((head)->sph_root, field); \
   if (__tmp == NULL)    \
    break;     \
   if (__comp > 0) {    \
    SPLAY_ROTATE_LEFT(head, __tmp, field); \
    if (SPLAY_RIGHT((head)->sph_root,
 field) == NULL)\
     break;    \
   }      \
   SPLAY_LINKRIGHT(head, __left, field);  \
  }       \
 }       \
 SPLAY_ASSEMBLE(head, &__node, __left, __right, field);  \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y)  name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y)  name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x)  (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x)  (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head)     \
 for ((x) = SPLAY_MIN(name, head);    \
     (x) != NULL;      \
     (x) = SPLAY_NEXT(name, head, x))
```

```
/* Macros that define a red-black tree */
#define RB_HEAD(name, type)      \
struct name {        \
 struct type *rbh_root; /* root of the tree */   \
}

#define RB_INITIALIZER(root)      \
 {
 NULL }

#define RB_INIT(root) do {      \
 (root)->rbh_root = NULL;     \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED  1
#define RB_ENTRY(type)       \
struct {        \
 struct type *rbe_left;  /* left element */  \
 struct type *rbe_right;  /* right element */  \
 struct type *rbe_parent; /* parent element */  \
 int rbe_color;   /* node color */  \
}

#define RB_LEFT(elm, field)  (elm)->field.rbe_left
#define RB_RIGHT(elm, field)  (elm)->field.rbe_right
#define RB_PARENT(elm, field)  (elm)->field.rbe_parent
#define RB_COLOR(elm, field)  (elm)->field.rbe_color
#define RB_ROOT(head)   (head)->rbh_root
#define RB_EMPTY(head)   (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do {     \
 RB_PARENT(elm, field) = parent;     \
 RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL;  \
 RB_COLOR(elm, field) = RB_RED;     \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do {    \
 RB_COLOR(black, field) = RB_BLACK;    \
 RB_COLOR(red, field)
 = RB_RED;     \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do {   \
```

```
 (tmp) = RB_RIGHT(elm, field);     \
 if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
  RB_PARENT(RB_LEFT(tmp, field), field) = (elm);  \
 }       \
 RB_AUGMENT(elm);      \
 if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
  if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
   RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
  else      \
   RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
 } else       \
  (head)->rbh_root = (tmp);    \
 RB_LEFT(tmp, field) = (elm);     \
 RB_PARENT(elm, field) = (tmp);     \
 RB_AUGMENT(tmp);      \
 if ((RB_PARENT(tmp, field)))     \
  RB_AUGMENT(RB_PARENT(tmp, field));   \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do {   \
 (tmp) = RB_LEFT(elm, field);     \
 if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field))
 != NULL) { \
  RB_PARENT(RB_RIGHT(tmp, field), field) = (elm);  \
 }       \
 RB_AUGMENT(elm);      \
 if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
  if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
   RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
  else      \
   RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
 } else       \
  (head)->rbh_root = (tmp);    \
 RB_RIGHT(tmp, field) = (elm);     \
 RB_PARENT(elm, field) = (tmp);     \
 RB_AUGMENT(tmp);      \
 if ((RB_PARENT(tmp, field)))     \
  RB_AUGMENT(RB_PARENT(tmp, field));   \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp)    \
 RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp)   \
 RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr)  \
attr void name##_RB_INSERT_COLOR(struct name *, struct
```

```
 type *);  \
attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *);\
attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
attr struct type *name##_RB_INSERT(struct name *, struct type *); \
attr struct type *name##_RB_FIND(struct name *, struct type *);  \
attr struct type *name##_RB_NFIND(struct name *, struct type *); \
attr struct type *name##_RB_NEXT(struct type *);   \
attr struct type *name##_RB_PREV(struct type *);   \
attr struct type *name##_RB_MINMAX(struct name *, int);   \
        \

/* Main rb operation.
* Moves node close to the key of elm to top
*/
#define RB_GENERATE(name, type, field, cmp)    \
 RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp)   \
 RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr)  \
attr void       \
name##_RB_INSERT_COLOR(struct name *head, struct type *elm)  \
{       \
 struct type
 *parent, *gparent, *tmp;    \
 while ((parent = RB_PARENT(elm, field)) != NULL &&  \
     RB_COLOR(parent, field) == RB_RED) {   \
  gparent = RB_PARENT(parent, field);   \
  if (parent == RB_LEFT(gparent, field)) {  \
   tmp = RB_RIGHT(gparent, field);   \
   if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
    RB_COLOR(tmp, field) = RB_BLACK; \
    RB_SET_BLACKRED(parent, gparent, field);\
    elm = gparent;    \
    continue;    \
   }      \
   if (RB_RIGHT(parent, field) == elm) {  \
    RB_ROTATE_LEFT(head, parent, tmp, field);\
    tmp = parent;    \
    parent = elm;    \
    elm = tmp;    \
   }      \
   RB_SET_BLACKRED(parent, gparent, field); \
   RB_ROTATE_RIGHT(head, gparent, tmp, field); \
  } else {      \
   tmp = RB_LEFT(gparent, field);   \
   if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
    RB_COLOR(tmp, field) = RB_BLACK; \
    RB_SET_BLACKRED(parent, gparent, field);\
```

```
    elm = gparent;    \
    continue;    \
   }      \
   if (RB_LEFT(parent, field) == elm)
  {  \
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    tmp = parent;    \
    parent = elm;    \
    elm = tmp;    \
   }      \
   RB_SET_BLACKRED(parent, gparent, field); \
   RB_ROTATE_LEFT(head, gparent, tmp, field); \
  }       \
 }        \
 RB_COLOR(head->rbh_root, field) = RB_BLACK;   \
}         \
         \
attr void        \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{         \
 struct type *tmp;      \
 while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
     elm != RB_ROOT(head)) {     \
  if (RB_LEFT(parent, field) == elm) {   \
   tmp = RB_RIGHT(parent, field);   \
   if (RB_COLOR(tmp, field) == RB_RED) {  \
    RB_SET_BLACKRED(tmp, parent, field); \
    RB_ROTATE_LEFT(head, parent, tmp, field);\
    tmp = RB_RIGHT(parent, field);  \
   }      \
   if ((RB_LEFT(tmp, field) == NULL ||  \
       RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
       (RB_RIGHT(tmp, field) == NULL ||  \
       RB_COLOR(RB_RIGHT(tmp,
 field), field) == RB_BLACK)) {\
    RB_COLOR(tmp, field) = RB_RED;  \
    elm = parent;    \
    parent = RB_PARENT(elm, field);  \
   } else {     \
    if (RB_RIGHT(tmp, field) == NULL || \
        RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
     struct type *oleft;  \
     if ((oleft = RB_LEFT(tmp, field)) \
         != NULL)   \
      RB_COLOR(oleft, field) = RB_BLACK;\
     RB_COLOR(tmp, field) = RB_RED; \
     RB_ROTATE_RIGHT(head, tmp, oleft, field);\
     tmp = RB_RIGHT(parent, field); \
```

```
  }     \
  RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
  RB_COLOR(parent, field) = RB_BLACK; \
  if (RB_RIGHT(tmp, field))  \
   RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK;\
  RB_ROTATE_LEFT(head, parent, tmp, field);\
  elm = RB_ROOT(head);   \
  break;     \
  }      \
 } else {      \
  tmp = RB_LEFT(parent, field);   \
  if (RB_COLOR(tmp, field) == RB_RED) {  \
  RB_SET_BLACKRED(tmp, parent, field); \
  RB_ROTATE_RIGHT(head, parent, tmp, field);\
  tmp
= RB_LEFT(parent, field);  \
  }      \
  if ((RB_LEFT(tmp, field) == NULL ||  \
      RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
      (RB_RIGHT(tmp, field) == NULL ||  \
      RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
  RB_COLOR(tmp, field) = RB_RED;  \
  elm = parent;    \
  parent = RB_PARENT(elm, field);  \
  } else {     \
  if (RB_LEFT(tmp, field) == NULL || \
       RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
   struct type *oright;  \
   if ((oright = RB_RIGHT(tmp, field)) \
       != NULL)   \
    RB_COLOR(oright, field) = RB_BLACK;\
   RB_COLOR(tmp, field) = RB_RED; \
   RB_ROTATE_LEFT(head, tmp, oright, field);\
   tmp = RB_LEFT(parent, field); \
  }     \
  RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
  RB_COLOR(parent, field) = RB_BLACK; \
  if (RB_LEFT(tmp, field))  \
   RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
  RB_ROTATE_RIGHT(head, parent, tmp, field);\
  elm = RB_ROOT(head);   \
  break;     \
  }      \
 }       \
}       \
if
(elm)      \
 RB_COLOR(elm, field) = RB_BLACK;   \
```

```
}       \
       \
attr struct type *      \
name##_RB_REMOVE(struct name *head, struct type *elm)   \
{       \
 struct type *child, *parent, *old = elm;   \
 int color;      \
 if (RB_LEFT(elm, field) == NULL)    \
  child = RB_RIGHT(elm, field);    \
 else if (RB_RIGHT(elm, field) == NULL)    \
  child = RB_LEFT(elm, field);    \
 else {       \
  struct type *left;     \
  elm = RB_RIGHT(elm, field);    \
  while ((left = RB_LEFT(elm, field)) != NULL)  \
   elm = left;     \
  child = RB_RIGHT(elm, field);    \
  parent = RB_PARENT(elm, field);    \
  color = RB_COLOR(elm, field);    \
  if (child)      \
   RB_PARENT(child, field) = parent;  \
  if (parent) {      \
   if (RB_LEFT(parent, field) == elm)  \
    RB_LEFT(parent, field) = child;  \
   else      \
    RB_RIGHT(parent, field) = child; \
   RB_AUGMENT(parent);    \
  } else       \
   RB_ROOT(head)
 = child;    \
  if (RB_PARENT(elm, field) == old)   \
   parent = elm;     \
  (elm)->field = (old)->field;    \
  if (RB_PARENT(old, field)) {    \
   if (RB_LEFT(RB_PARENT(old, field), field) == old)\
    RB_LEFT(RB_PARENT(old, field), field) = elm;\
   else      \
    RB_RIGHT(RB_PARENT(old, field), field) = elm;\
   RB_AUGMENT(RB_PARENT(old, field));  \
  } else       \
   RB_ROOT(head) = elm;    \
  RB_PARENT(RB_LEFT(old, field), field) = elm;  \
  if (RB_RIGHT(old, field))    \
   RB_PARENT(RB_RIGHT(old, field), field) = elm; \
  if (parent) {      \
   left = parent;     \
   do {      \
    RB_AUGMENT(left);   \
```

```
  } while ((left = RB_PARENT(left, field)) != NULL); \
 }      \
 goto color;     \
}       \
parent = RB_PARENT(elm, field);    \
color = RB_COLOR(elm, field);    \
if (child)      \
 RB_PARENT(child, field) = parent;  \
if (parent) {      \
 if (RB_LEFT(parent, field) == elm)  \
  RB_LEFT(parent, field) = child;  \
 else      \
  RB_RIGHT(parent,
field) = child;  \
 RB_AUGMENT(parent);    \
} else       \
 RB_ROOT(head) = child;    \
color:       \
if (color == RB_BLACK)     \
 name##_RB_REMOVE_COLOR(head, parent, child);  \
return (old);      \
}       \
       \
/* Inserts a node into the RB tree */    \
attr struct type *      \
name##_RB_INSERT(struct name *head, struct type *elm)  \
{       \
 struct type *tmp;     \
 struct type *parent = NULL;    \
 int comp = 0;      \
 tmp = RB_ROOT(head);     \
 while (tmp) {      \
  parent = tmp;     \
  comp = (cmp)(elm, parent);   \
  if (comp < 0)     \
   tmp = RB_LEFT(tmp, field);  \
  else if (comp > 0)    \
   tmp = RB_RIGHT(tmp, field);  \
  else      \
   return (tmp);    \
 }       \
 RB_SET(elm, parent, field);    \
 if (parent != NULL) {     \
  if (comp < 0)     \
   RB_LEFT(parent, field) = elm;  \
  else      \
   RB_RIGHT(parent, field) = elm;  \
  RB_AUGMENT(parent);    \
```

```
 } else       \
  RB_ROOT(head) = elm;    \
 name##_RB_INSERT_COLOR(head,
 elm);   \
 return (NULL);      \
}        \
        \
/* Finds the node with the same key as elm */   \
attr struct type *      \
name##_RB_FIND(struct name *head, struct type *elm)   \
{        \
 struct type *tmp = RB_ROOT(head);   \
 int comp;      \
 while (tmp) {      \
  comp = cmp(elm, tmp);    \
  if (comp < 0)     \
   tmp = RB_LEFT(tmp, field);   \
  else if (comp > 0)    \
   tmp = RB_RIGHT(tmp, field);   \
  else      \
   return (tmp);    \
 }       \
 return (NULL);      \
}        \
        \
/* Finds the first node greater than or equal to the search key */ \
attr struct type *      \
name##_RB_NFIND(struct name *head, struct type *elm)   \
{        \
 struct type *tmp = RB_ROOT(head);   \
 struct type *res = NULL;    \
 int comp;      \
 while (tmp) {      \
  comp = cmp(elm, tmp);    \
  if (comp < 0) {     \
   res = tmp;    \
   tmp = RB_LEFT(tmp, field);   \
  }      \
  else if (comp > 0)    \
   tmp =
 RB_RIGHT(tmp, field);   \
  else      \
   return (tmp);    \
 }       \
 return (res);      \
}        \
        \
/* ARGSUSED */       \
```

```
attr struct type *      \
name##_RB_NEXT(struct type *elm)    \
{       \
 if (RB_RIGHT(elm, field)) {    \
  elm = RB_RIGHT(elm, field);   \
  while (RB_LEFT(elm, field))   \
   elm = RB_LEFT(elm, field);   \
 } else {      \
  if (RB_PARENT(elm, field) &&   \
      (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
   elm = RB_PARENT(elm, field);   \
  else {      \
   while (RB_PARENT(elm, field) &&   \
       (elm == RB_RIGHT(RB_PARENT(elm, field), field)))\
    elm = RB_PARENT(elm, field);  \
   elm = RB_PARENT(elm, field);   \
  }       \
 }       \
 return (elm);      \
}       \
        \
/* ARGSUSED */       \
attr struct type *      \
name##_RB_PREV(struct type *elm)    \
{       \
 if (RB_LEFT(elm, field)) {    \
  elm = RB_LEFT(elm, field);   \
  while (RB_RIGHT(elm, field))   \
   elm = RB_RIGHT(elm, field);   \
 }
 else {      \
  if (RB_PARENT(elm, field) &&   \
      (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
   elm = RB_PARENT(elm, field);   \
  else {      \
   while (RB_PARENT(elm, field) &&   \
       (elm == RB_LEFT(RB_PARENT(elm, field), field)))\
    elm = RB_PARENT(elm, field);  \
   elm = RB_PARENT(elm, field);   \
  }       \
 }       \
 return (elm);      \
}       \
        \
attr struct type *      \
name##_RB_MINMAX(struct name *head, int val)    \
{       \
 struct type *tmp = RB_ROOT(head);    \
```

```
 struct type *parent = NULL;     \
 while (tmp) {       \
  parent = tmp;      \
  if (val < 0)      \
   tmp = RB_LEFT(tmp, field);   \
  else       \
   tmp = RB_RIGHT(tmp, field);   \
 }       \
 return (parent);      \
}

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x,
 y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x)  name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x)  name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head)     \
 for ((x) = RB_MIN(name, head);     \
      (x) != NULL;      \
      (x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y)     \
 for ((x) = (y);       \
     ((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
      (x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y)    \
 for ((x) = RB_MIN(name, head);     \
     ((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
      (x) = (y))

#define RB_FOREACH_REVERSE(x, name, head)    \
 for ((x) = RB_MAX(name, head);     \
      (x) != NULL;      \
      (x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y)    \
 for ((x) = (y);       \
     ((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
      (x) = (y))
```

```
#define RB_FOREACH_REVERSE_SAFE(x, name,
 head, y)   \
 for ((x) = RB_MAX(name, head);     \
     ((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
      (x) = (y))

#endif /* _SYS_TREE_H_ */
```

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1.141 ssl-client 1.37.0-r19

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Found in path(s):
* /aports-3-22-stable-main-busybox-zip/aports-3.22-stable-main-busybox/main/busybox/0024-umount-Implement-O-option-to-unmount-by-mount-option.patch
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/*
* depmod - generate modules.dep
* Copyright (c) 2008 Bernhard Reutner-Fischer
- * Copyrihgt (c) 2008 Timo Teras <timo.teras@iki.fi>
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*
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@@ -25,6 +25,24 @@
#include "modutils.h"
#include <sys/utsname.h> /* uname() */

+#define INDEX_MINCHAR 32
+#define INDEX_MAXCHAR 128
+
+typedef struct index_node {
+ char *prefix;
+ llist_t *values;

```
+ struct index_node *children[INDEX_MAXCHAR-INDEX_MINCHAR];
+} index_node;
+
+struct globals {
+ module_db db;
+ index_node *root_node;
+} FIX_ALIASING;
+#define G (*ptr_to_globals)
+#define INIT_G() do { \
+ SET_PTR_TO_GLOBALS(xzalloc(sizeof(G))); \
+} while (0)
+
/*
* Theory of operation:
* - iterate over all modules and record their full path
@@ -53,18 +71,12 @@ static int FAST_FUNC parse_module(struct recursive_state
 *state,

for (ptr = image; ptr < image + len - 10; ptr++) {
if (is_prefixed_with(ptr, "depends=")) {
-   char *u;
-
ptr += 8;
-   for (u = ptr; *u; u++)
-    if (*u == '-')
-     *u = '_';
-   ptr += string_to_llist(ptr, &e->deps, ",");
+   string_to_llist(replace_underscores(ptr), &e->deps, ",");
} else if (ENABLE_FEATURE_MODUTILS_ALIAS
&& is_prefixed_with(ptr, "alias=")
) {
-   llist_add_to(&e->aliases, xstrdup(ptr + 6));
-   ptr += strlen(ptr);
+   llist_add_to(&e->aliases, replace_underscores(xstrdup(ptr + 6)));
} else if (ENABLE_FEATURE_MODUTILS_SYMBOLS
&& is_prefixed_with(ptr, "__ksymtab_")
) {
@@ -74,9 +86,10 @@ static int FAST_FUNC parse_module(struct recursive_state *state,
) {
continue;
}
-   llist_add_to(&e->symbols, xstrdup(ptr));
-   ptr += strlen(ptr);
- }
+   llist_add_to(&e->symbols, xasprintf("symbol:%s", ptr));
+  } else
+   continue;
+  ptr += strlen(ptr);
```

```
}
free(image);

@@ -108,12 +121,6 @@ static void order_dep_list(module_db *modules, module_entry *start, llist_t
 *add
}
}

-static void xfreopen_write(const char *file, FILE *f)
-{
- if (freopen(file, "w", f) == NULL)
-  bb_perror_msg_and_die("can't open '%s'", file);
-}
-
//usage:#if !ENABLE_MODPROBE_SMALL
//usage:#define depmod_trivial_usage "[-n] [-b BASE] [VERSION] [MODFILES]..."
//usage:#define depmod_full_usage "\n\n"
@@ -167,6 +174,169 @@ enum {
OPT_C = (1 << 9), /* -C,--config etc_modules_conf: ignored */
```

Found in path(s):
* /aports-3-22-stable-main-busybox-zip/aports-3.22-stable-main-busybox/main/busybox/0018-depmod-support-generating-kmod-binary-index-files.patch
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*/
```

Found in path(s):
* /aports-3-22-stable-main-busybox-zip/aports-3.22-stable-main-busybox/main/busybox/bbsuid.c

1.142 openssl 3.5.2-r0

1.142.1 Available under license :

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MySQL Connector/J 9.4.0 Community

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