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# 1.8 s3transfer 0.1.13

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## 1.10 cssom 0.3.0

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# 1.11 more-itertools 5.0.0

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# 1.12 commons-collections 3.2.2

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# 1.15 semantic-version 2.6.0

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- jar/javaewah/BufferedRunningLengthWord.java
- \* /opt/cola/permits/1258286299\_1643052479.7/0/javaewah-0-3-2-sources-jar/javaewah/RunningLengthWord.java
- \* /opt/cola/permits/1258286299\_1643052479.7/0/javaewah-0-3-2-sources-jar/javaewah/EWAHIterator.java
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jar/javaewah/EWAHCompressedBitmap.java

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jar/com/google/common/primitives/ParseRequest.java

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jar/com/google/common/primitives/UnsignedInts.java

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* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Ticker.java
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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/HashFunction.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/Funnel.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/HashingOutputStream.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractScheduledService.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/math/IntMath.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/UnsignedLongs.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/package-info.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/BloomFilterStrategies.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/AbstractLoadingCache.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/Hasher.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/EmptyContiguousSet.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/UnsignedInteger.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/hash/PrimitiveSink.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/reflect/Types.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/math/DoubleUtils.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/RemovalCause.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/RemovalListeners.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/math/LongMath.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/Uninterruptibles.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/math/DoubleMath.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/AbstractStreamingHasher.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/RemovalListener.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/ForwardingLoadingCache.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/math/BigIntegerMath.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/net/HttpHeaders.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/AsyncFunction.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/AbstractSortedMultiset.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/RemovalNotification.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/Murmur3\_128HashFunction.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Absent.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/UncheckedExecutionException.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/cache/Cache.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/MessageDigestHashFunction.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/Queues.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/CacheStats.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/RegularContiguousSet.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/TreeRangeSet.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/FutureCallback.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/math/MathPreconditions.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/UnsignedLong.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/ExecutionError.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/AbstractCompositeHashFunction.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

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jar/com/google/common/hash/BloomFilter.java
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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/hash/HashCode.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/util/concurrent/ForwardingCheckedFuture.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Present.java

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jar/com/google/common/hash/AbstractHasher.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/UnmodifiableListIterator.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingImmutableCollection.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/RowSortedTable.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/MinMaxPriorityQueue.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/AbstractSequentialIterator.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingSetMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingSetMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingSetMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingListMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingListMultimap.java jar/com/google/common/collect/SortedMapDifference.java
\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingSortedSetMultimap.java
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\*/ /\*\*

\* Returns an array containing all of the elements in the specified collection. This method

\* returns the elements in the order they are returned by the collection's iterator. The returned

\* array is "safe" in that no references to it are maintained by the collection. The caller is

\* thus free to modify the returned array.

\*

 $^{*}$  This method assumes that the collection size doesn't change while the method is running.  $^{*}$ 

\* TODO(kevinb): support concurrently modified collections?

\*

\* @param c the collection for which to return an array of elements \*/

Found in path(s):

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ObjectArrays.java No license file was found, but licenses were detected in source scan.

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jar/com/google/common/base/StandardSystemProperty.java

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/\*\*

\* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain

\* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available

\* under GWT but with a slightly different signature.

\*

 $* <\!\!p\!\!>\!\!We \ can't \ use \ \{ @ code \ PartiallyGwtIncompatible \} \ because \ then \ the \ GWT \ compiler \ wouldn't \ recognize$ 

\* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT

\* compiler to autostrip the normal server method in order to expose the special, inherited GWT

\* version.

\*/

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jar/com/google/common/collect/Multiset.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/TreeMultiset.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/LinkedHashMultimap.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/ListMultimap.java

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jar/com/google/common/hash/MacHashFunction.java

jar/com/google/common/util/concurrent/AsyncCallable.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ConsumingQueueIterator.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/InterruptibleTask.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/CombinedFuture.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/AggregateFutureState.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/io/ReaderInputStream.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/hash/LittleEndianByteArray.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/Platform.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/hash/FarmHashFingerprint64.java

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\* This following method is a modified version of one found in

\* http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30

- \* which contained the following notice:
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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/MoreExecutors.java

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jar/com/google/common/hash/HashingInputStream.java

\* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/base/VerifyException.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/CharSequenceReader.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Utf8.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/FilteredMultimapValues.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/AbstractTable.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/reflect/TypeVisitor.java

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jar/com/google/common/graph/Traverser.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/graph/AbstractBaseGraph.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/graph/BaseGraph.java

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jar/com/google/common/util/concurrent/FuturesGetChecked.java

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* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/util/concurrent/FluentFuture.java
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* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
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jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/reflect/TypeToken.java
* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/io/AppendableWriter.java
* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
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- \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-
- jar/com/google/common/graph/EndpointPair.java
- \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java

- \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-
- jar/com/google/common/graph/DirectedNetworkConnections.java

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jar/com/google/common/graph/DirectedGraphConnections.java

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jar/com/google/common/graph/MapIteratorCache.java

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jar/com/google/common/graph/EndpointPairIterator.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/graph/ForwardingValueGraph.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/graph/ElementOrder.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/graph/MutableValueGraph.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/graph/ConfigurableValueGraph.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/graph/AbstractNetwork.java

jar/com/google/common/graph/ValueGraphBuilder.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/AbstractValueGraph.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/ConfigurableMutableGraph.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/UndirectedNetworkConnections.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/ConfigurableMutableValueGraph.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/ConfigurableNetwork.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/RangeGwtSerializationDependencies.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/ImmutableValueGraph.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/CollectCollectors.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/AbstractGraphBuilder.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/UndirectedMultiNetworkConnections.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/MultiEdgesConnecting.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/EdgesConnecting.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/GraphBuilder.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/AbstractGraph.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/MoreCollectors.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/GraphConstants.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/ForwardingGraph.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/MapRetrievalCache.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/ConfigurableMutableNetwork.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/Comparators.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/NetworkConnections.java \*/opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/graph/UndirectedGraphConnections.java \*/opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java No license file was found, but licenses were detected in source scan.

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/HashBiMap.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Supplier.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/ExecutionList.java

\*/opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/EnumMultiset.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Throwables.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/eventbus/EventBus.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/AbstractIterator.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/package-info.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/LineBuffer.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/Resources.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Preconditions.java

jar/com/google/common/util/concurrent/ListenableFuture.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/base/FinalizablePhantomReference.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/eventbus/AsyncEventBus.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Objects.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/Interners.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/Primitives.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/CharStreams.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/LineReader.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/CountingInputStream.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/FinalizableReference.java

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jar/com/google/common/io/ByteStreams.java

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jar/com/google/common/base/FinalizableReferenceQueue.java

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jar/com/google/common/base/FinalizableSoftReference.java

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jar/com/google/common/util/concurrent/AbstractFuture.java

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jar/com/google/common/io/Flushables.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/Files.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/eventbus/Subscribe.java

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jar/com/google/common/io/LittleEndianDataOutputStream.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/Closeables.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/eventbus/DeadEvent.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/base/Suppliers.java

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jar/com/google/common/util/concurrent/package-info.java

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jar/com/google/common/io/CountingOutputStream.java

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jar/com/google/common/base/Predicate.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Predicates.java

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jar/com/google/common/base/Functions.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Defaults.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Charsets.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/util/concurrent/DirectExecutor.java

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\* This method was rewritten in Java from an intermediate step of the Murmur hash function in

- \* http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
- \* following header:
- \*

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jar/com/google/common/base/Strings.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/annotations/Beta.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/Atomics.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/base/Equivalence.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/SortedLists.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/base/Ascii.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/annotations/package-info.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/Monitor.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/primitives/package-info.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java \*/opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/net/packageinfo.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ContiguousSet.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/ListeningExecutorService.java

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jar/com/google/common/hash/package-info.java

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jar/com/google/common/util/concurrent/ForwardingFluentFuture.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/cache/LocalCache.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java

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jar/com/google/common/util/concurrent/SettableFuture.java

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jar/com/google/common/escape/Escapers.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/SparseImmutableTable.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/ByteArrayDataOutput.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/MapMaker.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/Service.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/net/InternetDomainName.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/ByteArrayDataInput.java

\*/opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/net/UrlEscapers.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/DenseImmutableTable.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/JdkFutureAdapters.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Platform.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractService.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/escape/Platform.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/Cut.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractIdleService.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Splitter.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/ReferenceEntry.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/annotations/GwtIncompatible.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/html/HtmlEscapers.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/SignedBytes.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/MapMakerInternalMap.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/UnsignedBytes.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/ByteProcessor.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/escape/ArrayBasedEscaperMap.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/annotations/GwtCompatible.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/LineProcessor.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableTable.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/Callables.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/CacheBuilder.java

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jar/com/google/common/net/HostSpecifier.java

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jar/com/google/common/graph/Graph.java

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Found in path(s):

```
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableSet.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/util/concurrent/ExecutionSequencer.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableMultiset.java
* /opt/cola/permits/1111258602_1606889649.12/0/guava-27-0-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableMultiset.java
```

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/base/CommonMatcher.java

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jar/com/google/common/collect/ImmutableMapEntry.java

jar/com/google/common/collect/MultimapBuilder.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/io/MoreFiles.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/Floats.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Converter.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractCheckedFuture.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/Doubles.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/Bytes.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/Joiner.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/CharMatcher.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/internal/Finalizer.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/FluentIterable.java

jar/com/google/common/base/Stopwatch.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/Longs.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/thirdparty/publicsuffix/TrieParser.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/escape/Escaper.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/Booleans.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/net/InetAddresses.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/Shorts.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/MultiReader.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/escape/UnicodeEscaper.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/io/FileBackedOutputStream.java

 $* / opt/cola/permits/1111258602\_1606889649.12 / 0 / guava-27-0-jre-sources-1-0.000 / guava-27-0-0.000 / guava-20-000 / guava-27-0-0.000 / guava-27-0-0.000 / guava-20-000 / guava-20-0000 / guava-20-000 / g$ 

jar/com/google/common/primitives/Chars.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/primitives/Ints.java

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\* Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}

\* key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy

\* version.

\*

\* @throws UnsupportedOperationException always

\* @deprecated <b>Pass a key of type { @code Comparable} to use { @link

\* ImmutableSortedMap#of(Comparable, Object)}.</b>

\*/

Found in path(s):

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java No license file was found, but licenses were detected in source scan.

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\* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's

\* java.util.HashMap class.

\*/

Found in path(s):

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/util/concurrent/Striped.java

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jar/com/google/common/cache/Striped64.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/cache/LongAdder.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/hash/LongAdder.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/AtomicDoubleArray.java No license file was found, but licenses were detected in source scan.

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\* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ImmutableBiMap.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/EmptyImmutableListMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ImmutableEntry.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/PeekingIterator.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/Collections2.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ImmutableSortedSet.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/TreeBasedTable.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/StandardTable.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/Platform.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/CollectPreconditions.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ImmutableMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/Serialization.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/ImmutableMultiset.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/Range.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/HashBasedTable.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/SingletonImmutableBiMap.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapEntrySet.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/ImmutableCollection.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/Table.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/StandardRowSortedTable.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/UnmodifiableIterator.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/ImmutableMap.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/ImmutableMapKeySet.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapValues.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableMap.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableBiMap.java

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jar/com/google/common/collect/WellBehavedMap.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/util/concurrent/AtomicLongMap.java

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jar/com/google/common/collect/ForwardingSortedMultiset.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/AbstractRangeSet.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/ImmutableSortedMultiset.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/SortedIterables.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableSortedMultiset.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/RangeSet.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/GeneralRange.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/collect/Count.java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java

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jar/com/google/common/eventbus/Dispatcher.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-

jar/com/google/common/util/concurrent/TrustedListenableFutureTask. java

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\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/base/MoreObjects.java

\* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1-jar/com/google/common/eventbus/SubscriberRegistry.java

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jar/com/google/common/math/Quantiles.java

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\* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/CompactHashSet.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ImmutableEnumMap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/EvictingQueue.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/AbstractMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/CompactLinkedHashMap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/TransformedListIterator.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingImmutableList.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/DescendingMultiset.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingImmutableMap.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/FilteredSetMultimap.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/RegularImmutableAsList.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/FilteredMultimap.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/DescendingImmutableSortedSet.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingImmutableSet.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/TransformedIterator.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/RangeMap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/FilteredKeyListMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/TreeRangeMap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingNavigableSet.java

\* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/FilteredEntrySetMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/AbstractNavigableMap.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/FilteredEntryMultimap.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingBlockingDeque.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/AllEqualOrdering.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/CompactLinkedHashSet.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/TreeTraverser.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/CompactHashMap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/UnmodifiableSortedMultiset.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/SortedMultisetBridge.java \* /opt/cola/permits/1111258602 1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingNavigableMap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/FilteredKeySetMultimap.java \* /opt/cola/permits/1111258602\_1606889649.12/0/guava-27-0-jre-sources-1jar/com/google/common/collect/ForwardingDeque.java

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# 1.26 domhandler 2.2.1

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## 1.28 python-certifi 2021.05.30

## 1.28.1 Available under license :

This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011# This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree: http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1# It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$ \$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

## 1.29 splunk-sdk 1.6.16

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Metadata-Version: 2.1 Name: splunk-sdk Version: 1.7.2 Summary: The Splunk Software Development Kit for Python. Home-page: http://github.com/splunk/splunk-sdk-python Author: Splunk, Inc. Author-email: devinfo@splunk.com License: http://www.apache.org/licenses/LICENSE-2.0 Platform: UNKNOWN Classifier: Programming Language :: Python Classifier: Development Status :: 6 - Mature Classifier: Environment :: Other Environment Classifier: Intended Audience :: Developers Classifier: License :: OSI Approved :: Apache Software License Classifier: Operating System :: OS Independent Classifier: Topic :: Software Development :: Libraries :: Python Modules Classifier: Topic :: Software Development :: Libraries :: Application Frameworks

### UNKNOWN

Found in path(s): \*/opt/cola/permits/1193569000\_1683550193.255798/0/splunk-sdk-1-7-2-dist-info-zip/splunk\_sdk-1.7.2.dist-info/METADATA

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\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1jar/org/apache/parquet/bytes/SingleBufferInputStream.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1jar/org/apache/parquet/ShouldNeverHappenException.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/SemanticVersion.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/Strings.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/Files.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/IOExceptionUtils.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1jar/org/apache/parquet/bytes/ConcatenatingByteArrayCollector.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/util/DynConstructors.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/glob/WildcardPath.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/glob/GlobNode.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/VersionParser.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/bytes/ByteBufferAllocator.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/glob/GlobParser.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1jar/org/apache/parquet/bytes/ByteBufferInputStream.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/glob/GlobExpander.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/util/DynMethods.java

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\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/Preconditions.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1jar/org/apache/parquet/bytes/CapacityByteArrayOutputStream.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/Ints.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/bytes/DirectByteBufferAllocator.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/Log.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/hadoop/metadata/Canonicalizer.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/bytes/BytesInput.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/hadoop/metadata/ColumnPath.java

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\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/bytes/LittleEndianDataOutputStream.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/ParquetRuntimeException.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/Closeables.java

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jar/org/apache/parquet/Exceptions.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/io/PositionOutputStream.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/hadoop/metadata/CompressionCodecName.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1jar/org/apache/parquet/bytes/MultiBufferInputStream.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/io/DelegatingSeekableInputStream.java

\* /opt/cola/permits/1136206342\_1613708930.97/0/parquet-common-1-10-0-sources-1-jar/org/apache/parquet/io/InputFile.java

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\* /opt/cola/permits/1136206722\_1613708907.24/0/parquet-hive-binding-bundle-1-10-1-sources-1-jar/org/apache/parquet/bundle

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\* HTTPS patch (which inspired HTTPSConnectionPool)

\* erikcederstrand < http://code.google.com/u/erikcederstrand/>

- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)

\* niphlod <niphlod@gmail.com>

- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers

\* btoconnor <brian@btoconnor.net>

\* Non-multipart encoding for POST requests

\* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>

- \* Code review, PEP8 compliance, benchmark fix
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- \* Bugfixes, Improvements and Test coverage

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- \* IPv6 url support and test coverage
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- \* Corrected multipart behavior for params
- \* Thomas Weischuh <thomas@t-8ch.de>
- \* Support for TLS SNI
- \* API unification of ssl\_version/cert\_reqs
- \* SSL fingerprint and alternative hostname verification
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- \* Optional SNI-support for Python 2 via PyOpenSSL.
- \* Marc Schlaich <marc.schlaich@gmail.com>
- \* Various bugfixes and test improvements.
- \* Bryce Boe <bbzbryce@gmail.com>
- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
- \* Allowed to skip SSL hostname verification
- \* Cory Benfield < https://lukasa.co.uk/about/>
- \* Stream method for Response objects.
- \* Return native strings in header values.
- \* Generate 'Host' header when using proxies.
- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
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- \* Fixed a race condition
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- \* Stephen Holsapple <sholsapp@gmail.com>
- \* Added abstraction for granular control of request fields
- \* Martin von Gagern <Martin.vGagern@gmx.net>
- \* Support for non-ASCII header parameters
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- \* Support for separate connect and request timeouts
- \* Peter Waller <p@pwaller.net>
- \* HTTPResponse.tell() for determining amount received over the wire

\* Nipunn Koorapati <nipunn1313@gmail.com>

- \* Ignore default ports when comparing hosts for equality
- \* Danilo @dbrgn <https://dbrgn.ch/>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module
- \* Configurable cipher suites in pyopenssl contrib module
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
- \* Josh Schneier < https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage

\* Tahia Khan <http://tahia.tk/>

- \* Added Timeout examples in docs
- \* Arthur Grunseid < https://grunseid.com>
- \* source\_address support and tests (with https://github.com/bui)
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection
- \* Erik Tollerud <erik.tollerud@gmail.com>
- \* Support for standard library io module.
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation
- \* Aaron Meurer <asmeurer@gmail.com>
- \* Added Url.url, which unparses a Url

\* Evgeny Kapun <abacabadabacaba@gmail.com>

\* Bugfixes

\* Benjamen Meyer <bm\_witness@yahoo.com>

\* Security Warning Documentation update for proper capture

- \* Shivan Sornarajah <github@sornars.com>
- \* Support for using ConnectionPool and PoolManager as context managers.
- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration

\* Tomas Tomecek <ttomecek@redhat.com>

- \* Implemented generator for getting chunks from chunked responses.
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.
- \* David D. Riddle <ddriddle@illinois.edu>
- \* IPv6 bugfixes in testsuite
- \* Thea Flowers <magicalgirl@google.com>
- \* App Engine environment tests.
- \* Documentation re-write.
- \* John Krauss <a href="https://github.com/talos">https://github.com/talos</a>
- \* Clues to debugging problems with `cryptography` dependency in docs
- \* Disassem <https://github.com/Disassem>
- \* Fix pool-default headers not applying for url-encoded requests like GET.
- \* James Atherfold <jlatherfold@hotmail.com>
- \* Bugfixes relating to cleanup of connections during errors.
- \* Christian Pedersen < https://github.com/chripede>
- \* IPv6 HTTPS proxy bugfix

#### \* Jordan Moldow < https://github.com/jmoldow>

- \* Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- \* Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
- \* Creation of ``HTTPConnectionPool.ResponseCls``.
- \* Predrag Gruevski < https://github.com/obi1kenobi>
- \* Made cert digest comparison use a constant-time algorithm.
- \* Adam Talsma <https://github.com/a-tal>
- \* Bugfix to ca\_cert file paths.

\* Evan Meagher <https://evanmeagher.net>

\* Bugfix related to `memoryview` usage in PyOpenSSL adapter

- \* John Vandenberg <jayvdb@gmail.com>
- \* Python 2.6 fixes; pyflakes and pep8 compliance
- \* Andy Caldwell <andy.m.caldwell@googlemail.com>
- \* Bugfix related to reusing connections in indeterminate states.
- \* Ville Skytt <ville.skytta@iki.fi>
- \* Logging efficiency improvements, spelling fixes, Travis config.

\* Shige Takeda <smtakeda@gmail.com>

\* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

- \* Jess Shapiro <jesse@jesseshapiro.net>
- \* Various character-encoding fixes/tweaks
- \* Disabling IPv6 DNS when IPv6 connections not supported
- \* David Foster < http://dafoster.net/>
- \* Ensure order of request and response headers are preserved.

\* Jeremy Cline <jeremy@jcline.org>

- \* Added connection pool keys by scheme
- \* Aviv Palivoda <palaviv@gmail.com>
- \* History list to Retry object.
- \* HTTPResponse contains the last Retry object.

\* Nate Prewitt <nate.prewitt@gmail.com>

- \* Ensure timeouts are not booleans and greater than zero.
- \* Fixed infinite loop in ``stream`` when amt=None.
- \* Added length\_remaining to determine remaining data to be read.
- \* Added enforce\_content\_length to raise exception when incorrect content-length received.

\* Seth Michael Larson <sethmichaellarson@protonmail.com>

- \* Created selectors backport that supports PEP 475.
- \* Alexandre Dias <alex.dias@smarkets.com>
- \* Don't retry on timeout if method not in whitelist
- \* Moinuddin Quadri <moin18@gmail.com>
- \* Lazily load idna package
- \* Tom White <s6yg1ez3@mail2tor.com>

\* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

- \* Tim Burke <tim.burke@gmail.com>
- \* Stop buffering entire deflate-encoded responses.
- \* Tuukka Mustonen <tuukka.mustonen@gmail.com>
- \* Add counter for status\_forcelist retries.
- \* Erik Rose <erik@mozilla.com>
- \* Bugfix to pyopenssl vendoring
- \* Wolfgang Richter <wolfgang.richter@gmail.com>
- \* Bugfix related to loading full certificate chains with PyOpenSSL backend.

\* Mike Miller <github@mikeage.net>

- \* Logging improvements to include the HTTP(S) port when opening a new connection
- \* Ioannis Tziakos <mail@itziakos.gr>
- \* Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- \* Update appveyor tox setup to use the 64bit python.
- \* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
- \* Ongoing maintenance; 2017-2018
- \* Dominique Leuenberger <dimstar@opensuse.org>
- \* Minor fixes in the test suite

\* Will Bond <will@wbond.net>

- \* Add Python 2.6 support to ``contrib.securetransport``
- \* Aleksei Alekseev <alekseev.yeskela@gmail.com>
- \* using auth info for socks proxy
- \* Chris Wilcox <git@crwilcox.com>
- \* Improve contribution guide
- \* Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

\* Bruce Merry <https://www.brucemerry.org.za>

\* Fix leaking exceptions when system calls are interrupted with zero timeout

- \* Hugo van Kemenade <https://github.com/hugovk>
- \* Drop support for EOL Python 2.6
- \* Tim Bell <https://github.com/timb07>
- \* Bugfix for responses with Content-Type: message/\* logging warnings
- \* Justin Bramley <https://github.com/jbramleycl>
- \* Add ability to handle multiple Content-Encodings
- \* Katsuhiko YOSHIDA < https://github.com/kyoshidajp>

- \* Remove Authorization header regardless of case when redirecting to cross-site
- \* James Meickle <https://permadeath.com/>
- \* Improve handling of Retry-After header

\* Chris Jerdonek <chris.jerdonek@gmail.com>

\* Remove a spurious TypeError from the exception chain inside

HTTPConnectionPool.\_make\_request(), also for BaseExceptions.

- \* Jorge Lopez Silva <https://github.com/jalopezsilva>
- \* Added support for forwarding requests through HTTPS proxies.

\* Benno Rice <benno@jeamland.net>

- \* Allow cadata parameter to be passed to underlying ``SSLContext.load\_verify\_locations()``.
- \* Keiichi Kobayashi <abok.1k@gmail.com>
- \* Rename VerifiedHTTPSConnection to HTTPSConnection
- \* Himanshu Garg <garg\_himanshu@outlook.com>
- \* DOC & LICENSE Update
- \* Hod Bin Noon <bin.noon.hod@gmail.com>
- \* Test improvements
- \* Chris Olufson <tycarac@gmail.com>
- \* Fix for connection not being released on HTTP redirect and response not preloaded
- \* [Your name or handle] <[email or website]>
- \* [Brief summary of your changes]

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// Original can be found at:

- // https://bitbucket.org/lindenlab/llsd
- // Modifications by Joshua Bell inexorabletash@gmail.com
- // https://github.com/inexorabletash/polyfill

// ES3/ES5 implementation of the Krhonos Typed Array Specification

// Ref: http://www.khronos.org/registry/typedarray/specs/latest/

// Date: 2011-02-01

//

// Variations:

// \* Allows typed\_array.get/set() as alias for subscripts (typed\_array[])
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# spdx-license-ids

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#### ## Installation

[Download JSON directly](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/index.json), or [use](https://docs.npmjs.com/cli/install) [npm](https://docs.npmjs.com/getting-started/what-is-npm):

•••

npm install spdx-license-ids

## [Node.js](https://nodejs.org/) API

### require('spdx-license-ids')

Type: `<Array<string>>`

All license IDs except for the currently deprecated ones.

```javascript
const ids = require('spdx-license-ids');
//=> ['0BSD', 'AAL', 'Abstyles', 'Adobe-2006', 'Adobe-Glyph', 'ADSL', 'AFL-1.1', 'AFL-1.2', ...]

ids.includes('BSD-3-Clause'); //=> true ids.includes('CC-BY-1.0'); //=> true

```
ids.includes('GPL-3.0'); //=> false
```

### require('spdx-license-ids/deprecated')

```
Type: `<Array<string>>`
```

Deprecated license IDs.

```javascript
const deprecatedIds = require('spdx-license-ids/deprecated');
//=> ['AGPL-1.0', 'AGPL-3.0', 'eCos-2.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', ...]

deprecatedIds.includes('BSD-3-Clause'); //=> false
deprecatedIds.includes('CC-BY-1.0'); //=> false

```
deprecatedIds.includes('GPL-3.0'); //=> true
```

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validate-npm-package-license

Give me a string and I'll tell you if it's a valid npm package license string.

.....

```
```javascript
var valid = require('validate-npm-package-license');
```
```

SPDX license identifiers are valid license strings:

```
```javascript
```

var assert = require('assert'); var validSPDXExpression = { validForNewPackages: true, validForOldPackages: true, spdx: true };

assert.deepEqual(valid('MIT'), validSPDXExpression); assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression); assert.deepEqual(valid('Apache-2.0'), validSPDXExpression); assert.deepEqual(valid('ISC'), validSPDXExpression);

The function will return a warning and suggestion for nearly-correct license identifiers:

```
```javascript
assert.deepEqual(
valid('Apache 2.0'),
{
  validForOldPackages: false,
  validForNewPackages: false,
  warnings: [
   'license should be ' +
   'a valid SPDX license expression (without "LicenseRef"), '+
   "UNLICENSED", or '+
   "SEE LICENSE IN <filename>",
   'license is similar to the valid expression "Apache-2.0"'
  ]
}
);
...
```

SPDX expressions are valid, too ...

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
valid('(GPL-3.0-only OR BSD-2-Clause)'),
validSPDXExpression
);
```

... except if they contain `LicenseRef`:

```
```javascript
var warningAboutLicenseRef = {
  validForOldPackages: false,
  validForNewPackages: false,
  spdx: true,
  warnings: [
    'license should be ' +
    'a valid SPDX license expression (without "LicenseRef"), ' +
    '''UNLICENSED", or ' +
    '''SEE LICENSE IN <filename>''',
  ]
};
assert.deepEqual(
```

```
valid('LicenseRef-Made-Up'),
warningAboutLicenseRef
);
```

```
assert.deepEqual(
valid('(MIT OR LicenseRef-Made-Up)'),
warningAboutLicenseRef
);
```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```
```javascript
assert.deepEqual(
valid('SEE LICENSE IN LICENSE.txt'),
{
 validForNewPackages: true,
 validForOldPackages: true,
 inFile: 'LICENSE.txt'
}
);
assert.deepEqual(
valid('SEE LICENSE IN license.md'),
{
 validForNewPackages: true,
 validForOldPackages: true,
 inFile: 'license.md'
}
);
```

~ ~ ~

If there aren't any licensing terms, use `UNLICENSED`:

```
```javascript
var unlicensed = {
  validForNewPackages: true,
  validForOldPackages: true,
  unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENCED'), unlicensed);
```
```

## 1.55 python-requests 2.7.0

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# 1.56 orc-tools 1.5.6

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Found in path(s):

```
*/opt/cola/permits/1136206531 1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/hadoop/hive/serde2/objectinspector/primitive/ParquetStringInspector.java
* /opt/cola/permits/1136206531_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/hadoop/hive/ql/io/parquet/serde/AbstractParquetMapInspector.java
*/opt/cola/permits/1136206531 1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/parquet/hive/DeprecatedParquetInputFormat.java
*/opt/cola/permits/1136206531_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/hadoop/hive/ql/io/parquet/convert/ArrayWritableGroupConverter.java
*/opt/cola/permits/1136206531_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/hadoop/hive/ql/io/parquet/convert/DataWritableRecordConverter.java
*/opt/cola/permits/1136206531_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/hadoop/hive/ql/io/parquet/serde/DeepParquetHiveMapInspector.java
*/opt/cola/permits/1136206531_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/hadoop/hive/ql/io/parquet/read/ParquetRecordReaderWrapper.java
*/opt/cola/permits/1136206531_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/hadoop/hive/ql/io/parquet/serde/primitive/ParquetPrimitiveInspectorFactory.java
*/opt/cola/permits/1136206531_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
jar/org/apache/hadoop/hive/ql/io/parquet/MapredParquetInputFormat.java
*/opt/cola/permits/1136206531_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-
```

jar/org/apache/hadoop/hive/ql/io/parquet/serde/ParquetHiveSerDe.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/convert/HiveSchemaConverter.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/read/DataWritableReadSupport.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/write/DataWritableWriter.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/parquet/hive/DeprecatedParquetOutputFormat.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/serde/ParquetHiveArrayInspector.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/serde/StandardParquetHiveMapInspector.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/parquet/hive/MapredParquetInputFormat.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/convert/HiveGroupConverter.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/parquet/hive/serde/ParquetHiveSerDe.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/write/ParquetRecordWriterWrapper.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/serde/primitive/ParquetByteInspector.java

 $* / opt/cola/permits/1136206531\_1613708893.82 / 0 / parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/serde/ArrayWritableObjectInspector.java$ 

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/parquet/hive/MapredParquetOutputFormat.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/convert/DataWritableGroupConverter.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/serde/primitive/ParquetShortInspector.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/convert/ETypeConverter.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/IOConstants.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/write/DataWritableWriteSupport.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/writable/BigDecimalWritable.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/MapredParquetOutputFormat.java

\* /opt/cola/permits/1136206531\_1613708893.82/0/parquet-hive-storage-handler-1-10-1-sources-1-jar/org/apache/hadoop/hive/ql/io/parquet/writable/BinaryWritable.java

# 1.60 jetty-plus 9.4.18.v20190429

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\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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#### Oracle OpenJDK

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\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modififications are hosted at github and both modified and original are under GPL v2 with classpath exceptions. http://openjdk.java.net/legal/gplv2+ce.html

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

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

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

#### .

### Assorted

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# 1.61 protobuf 3.6.1

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Maven packaging: Gregory Kick <gak@google.com>

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\* Small optimizations to Python serialization.

Leandro Lucarella <llucax@gmail.com>

- \* VI syntax highlighting tweaks.
- \* Fix compiler to not make output executable.

Dilip Joseph <dilip.antony.joseph@gmail.com>

\* Heuristic detection of sub-messages when printing unknown fields in text format.

Brian Atkinson <nairb774@gmail.com>

\* Added @Override annotation to generated Java code where appropriate.

Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>

\* Tru64 support.

Monty Taylor <monty.taylor@gmail.com>

\* Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

\* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>

\* MS Visual Studio error format option.

\* Detect unordered\_map in stl\_hash.m4.

Brian Olson <brianolson@google.com>

\* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

\* Fixed warnings about generated constructors not explicitly initializing

all fields (only present with certain compiler settings).

\* Added generation of field number constants.

Wink Saville <wink@google.com>

\* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

\* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>

\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>

\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>

\* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

\* Detect whether zlib is new enough in configure script.

\* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

\* Optimize Java serialization code when writing a small message to a stream.

\* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.

\* Clean up some Java warnings.

\* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>

\* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

\* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

\* Fixed detection of sched\_yield on Solaris.

\* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

\* Fixed minor IBM xlC compiler build issues

\* Added atomicops for AIX (POWER)

# 1.62 json-path 2.4.0

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```
*/
```

Found in path(s):

\* /opt/cola/permits/1199743787 1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/InvalidJsonException.java \* /opt/cola/permits/1199743787 1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/InvalidCriteriaException.java \* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/JsonPathException.java \* /opt/cola/permits/1199743787 1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/internal/path/PredicateContextImpl.java \* /opt/cola/permits/1199743787 1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/internal/Utils.java \* /opt/cola/permits/1199743787 1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/internal/function/latebinding/PathLateBindingValue.java \* /opt/cola/permits/1199743787 1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/ParseContext.java \* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/Configuration.java \* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/EvaluationListener.java \* /opt/cola/permits/1199743787 1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/internal/path/RootPathToken.java \* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/spi/json/JettisonProvider.java \* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7jar/com/jayway/jsonpath/internal/path/CompiledPath.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-

jar/com/jayway/jsonpath/WriteContext.java

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\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-

jar/com/jayway/json path/internal/path/PredicatePathToken. java

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\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/Path.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/path/ArrayPathToken.java

\*/opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-

jar/com/jayway/jsonpath/spi/json/JsonProvider.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-

jar/com/jayway/jsonpath/ValueCompareException.java

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jar/com/jayway/jsonpath/spi/mapper/JsonSmartMappingProvider.java

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jar/com/jayway/jsonpath/ReadContext.java

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jar/com/jayway/json path/internal/path/PathToken.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-

jar/com/jayway/jsonpath/spi/json/AbstractJsonProvider.java

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jar/com/jayway/jsonpath/spi/json/JacksonJsonProvider.java

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jar/com/jayway/jsonpath/internal/function/latebinding/JsonLateBindingValue.java

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jar/com/jayway/jsonpath/internal/path/ScanPathToken.java

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jar/com/jayway/jsonpath/spi/cache/LRUCache.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-

jar/com/jayway/jsonpath/InvalidModificationException.java

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* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
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jar/com/jayway/jsonpath/spi/mapper/MappingException.java

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jar/com/jayway/json path/internal/path/WildcardPathToken. java
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jar/com/jayway/jsonpath/spi/mapper/TapestryMappingProvider.java

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jar/com/jayway/jsonpath/TypeRef.java
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\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-

jar/com/jayway/jsonpath/internal/JsonContext.java

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jar/com/jayway/json path/internal/Evaluation Context. java

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\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/DocumentContext.java

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\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/JsonFormatter.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/spi/mapper/MappingProvider.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/spi/mapper/GsonMappingProvider.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/JsonPath.java

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\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/PathNotFoundException.java

\* /opt/cola/permits/1199743787\_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/MapFunction.java

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## 1.75 json-simple 1.1.1

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## 1.82 semver 2.13.0

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Local variables: coding: utf-8 mode: text mode: rst End: vim: fileencoding=utf-8 filetype=rst :

# 1.83 aircompressor 0.10

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# 1.85 underscore 1.13.1

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# 1.88 orc-shims 1.5.6

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# 1.92 jsonpickle 2.0.0

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# 1.93 python-pip 20.1.1

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| Release | Deriv | ved ` | Year ( | Owner     | GPL-   |
|---------|-------|-------|--------|-----------|--------|
|         | from  |       |        | compatibl | e? (1) |
|         |       |       |        |           |        |
| 2.5     | 2.4   | 2006  | PSF    | yes       |        |
| 2.5.1   | 2.5   | 2007  | 7 PSF  | yes       |        |
| 2.5.2   | 2.5.1 | 200   | 8 PSF  | yes       |        |
| 2.5.3   | 2.5.2 | 200   | 8 PSF  | yes       |        |
| 2.6     | 2.5   | 2008  | PSF    | yes       |        |
| 2.6.1   | 2.6   | 2008  | B PSF  | yes       |        |
| 2.6.2   | 2.6.1 | 200   | 9 PSF  | yes       |        |
| 2.6.3   | 2.6.2 | 200   | 9 PSF  | yes       |        |
| 2.6.4   | 2.6.3 | 200   | 9 PSF  | yes       |        |
| 2.6.5   | 2.6.4 | 201   | 0 PSF  | yes       |        |
| 3.0     | 2.6   | 2008  | PSF    | yes       |        |
| 3.0.1   | 3.0   | 2009  | 9 PSF  | yes       |        |
| 3.1     | 3.0.1 | 2009  | 9 PSF  | yes       |        |
|         |       |       |        |           |        |

| 3.1.1 | 3.1   | 2009 | PSF | yes |
|-------|-------|------|-----|-----|
| 3.1.2 | 3.1.1 | 2010 | PSF | yes |
| 3.1.3 | 3.1.2 | 2010 | PSF | yes |
| 3.1.4 | 3.1.3 | 2011 | PSF | yes |
| 3.2   | 3.1   | 2011 | PSF | yes |
| 3.2.1 | 3.2   | 2011 | PSF | yes |
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|------------|----------|----------|----------|-----------------|--|
| from       |          |          | со       | compatible? (1) |  |
|            |          |          |          |                 |  |
| 0.9.0 thru | ı 1.2    | 1991-    | 1995 CV  | VI yes          |  |
| 1.3 thru 1 | .5.2 1.2 | 1995     | 5-1999 C | NRI yes         |  |
| 1.6        | 1.5.2    | 2000     | CNRI     | no              |  |
| 2.0        | 1.6      | 2000     | BeOper   | n.com no        |  |
| 1.6.1      | 1.6      | 2001     | CNRI     | yes (2)         |  |
| 2.1        | 2.0+1.6  | 5.1 2001 | PSF      | no              |  |
| 2.0.1      | 2.0+1.0  | 6.1 2001 | I PSF    | yes             |  |
| 2.1.1      | 2.1+2.0  | 0.1 2001 | I PSF    | yes             |  |
| 2.2        | 2.1.1    | 2001     | PSF      | yes             |  |
| 2.1.2      | 2.1.1    | 2002     | PSF      | yes             |  |
| 2.1.3      | 2.1.2    | 2002     | PSF      | yes             |  |
| 2.2.1      | 2.2      | 2002     | PSF      | yes             |  |
| 2.2.2      | 2.2.1    | 2002     | PSF      | yes             |  |
| 2.2.3      | 2.2.2    | 2003     | PSF      | yes             |  |
| 2.3        | 2.2.2    | 2002-2   | 003 PSF  | yes             |  |
| 2.3.1      | 2.3      | 2002-2   | 003 PSF  | yes             |  |
| 2.3.2      | 2.3.1    | 2002-2   | 2003 PSI | F yes           |  |
| 2.3.3      | 2.3.2    | 2002-2   | 2003 PSI | F yes           |  |
| 2.3.4      | 2.3.3    | 2004     | PSF      | yes             |  |
| 2.3.5      | 2.3.4    | 2005     | PSF      | yes             |  |
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| 2.4.1      | 2.4      | 2005     | PSF      | yes             |  |
| 2.4.2      | 2.4.1    | 2005     | PSF      | yes             |  |
| 2.4.3      | 2.4.2    | 2006     | PSF      | yes             |  |
| 2.4.4      | 2.4.3    | 2006     | PSF      | yes             |  |
| 2.5        | 2.4      | 2006     | PSF      | yes             |  |
| 2.5.1      | 2.5      | 2007     | PSF      | yes             |  |
| 2.5.2      | 2.5.1    | 2008     | PSF      | yes             |  |
| 2.5.3      | 2.5.2    | 2008     | PSF      | yes             |  |
| 2.6        | 2.5      | 2008     | PSF      | yes             |  |
| 2.6.1      | 2.6      | 2008     | PSF      | yes             |  |
| 2.6.2      | 2.6.1    | 2009     | PSF      | yes             |  |
| 2.6.3      | 2.6.2    | 2009     | PSF      | yes             |  |
| 2.6.4      | 2.6.3    | 2009     | PSF      | yes             |  |
| 2.6.5      | 2.6.4    | 2010     | PSF      | yes             |  |
| 2.7        | 2.6      | 2010     | PSF      | yes             |  |
|            |          |          |          |                 |  |

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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

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|------------|---------|---------|---------|--------|--------------|
|            | from    |         |         | com    | patible? (1) |
|            |         |         |         |        |              |
| 0.9.0 thru | 1.2     | 1991    | -1995   | CWI    | yes          |
| 1.3 thru 1 |         | 199     | 95-1999 | ) CN   | RI yes       |
| 1.6        | 1.5.2   | 2000    | CN      | IRI    | no           |
| 2.0        | 1.6     | 2000    | Be      | Open.c | com no       |
| 1.6.1      | 1.6     | 2001    |         | IRI    | yes (2)      |
| 2.1        | 2.0+1.6 | .1 200  | 1 F     | PSF    | no           |
| 2.0.1      | 2.0+1.6 | 5.1 200 | )1 ]    | PSF    | yes          |
| 2.1.1      | 2.1+2.0 | 0.1 200 | )1 ]    | PSF    | yes          |
| 2.2        | 2.1.1   | 2001    | PS      | F      | yes          |
| 2.1.2      | 2.1.1   | 2002    | PS      | SF     | yes          |
| 2.1.3      | 2.1.2   | 2002    | PS      | SF     | yes          |
| 2.2.1      | 2.2     | 2002    | PS      | F      | yes          |
| 2.2.2      | 2.2.1   | 2002    | PS      | SF     | yes          |
| 2.2.3      | 2.2.2   | 2003    | PS      | SF     | yes          |
| 2.3        | 2.2.2   | 2002-2  | 2003    | PSF    | yes          |
| 2.3.1      | 2.3     | 2002-2  | 2003    | PSF    | yes          |
| 2.3.2      | 2.3.1   | 2002-   | -2003   | PSF    | yes          |
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| 2.4        | 2.3     | 2004    | PSF     | 7      | yes          |
| 2.4.1      | 2.4     | 2005    | PS      | F      | yes          |
| 2.4.2      | 2.4.1   | 2005    | PS      | SF     | yes          |
| 2.4.3      | 2.4.2   | 2006    | PS      | SF     | yes          |
| 2.4.4      | 2.4.3   | 2006    | PS      | SF     | yes          |
| 2.5        | 2.4     | 2006    | PSF     | 7      | yes          |
| 2.5.1      | 2.5     | 2007    | PS      | F      | yes          |
| 2.5.2      | 2.5.1   | 2008    | PS      | SF     | yes          |
| 2.5.3      | 2.5.2   | 2008    | PS      | SF     | yes          |
| 2.6        | 2.5     | 2008    | PSF     | 7      | yes          |
|            |         |         |         |        |              |

| 2.6.1 | 2.6   | 2008 | PSF | yes |
|-------|-------|------|-----|-----|
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0   | 2.6   | 2008 | PSF | yes |
| 3.0.1 | 3.0   | 2009 | PSF | yes |
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
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## 1.15.0.post0+g781ac15.d20210728

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Metadata-Version: 2.1 Name: splapp-protos Version: 1.29.0 Summary: Add a short description here! Home-page: https://cd.splunkdev.com/mobile/spacebridge-protobuf Author: Splunk Author-email: Mobile-Team@splunk.com License: mit Platform: any Classifier: Development Status :: 4 - Beta Classifier: Programming Language :: Python Description-Content-Type: text/x-rst; charset=UTF-8

### UNKNOWN

Found in path(s):

\* /opt/cola/permits/1193568989\_1683550825.6660445/0/splapp-protos-1-29-0-dist-info-zip/splapp\_protos-1.29.0.dist-info/METADATA

# 1.95 typing-extensions 3.10.0.0

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's

principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release                              | Deriv    | ed Yea   | r Ow    | ner (           | GPL- |  |
|--------------------------------------|----------|----------|---------|-----------------|------|--|
| :                                    | from     |          | con     | compatible? (1) |      |  |
|                                      |          |          |         |                 |      |  |
| 0.9.0 thru                           | 1.2      | 1991-1   | 1995 CW | И у             | ves  |  |
| 1.3 thru 1.                          | -1999 CI | NRI      | yes     |                 |      |  |
| 1.6                                  | 1.5.2    | 2000     | CNRI    | no              |      |  |
| 2.0                                  | 1.6      | 2000     | BeOpen  | .com no         | )    |  |
| 1.6.1                                | 1.6      | 2001     | CNRI    | yes (           | (2)  |  |
| 2.1                                  | 2.0+1.6  | .1 2001  | PSF     | no              |      |  |
| 2.0.1                                | 2.0+1.6  | 5.1 2001 | PSF     | yes             |      |  |
| 2.1.1                                | 2.1+2.0  | 0.1 2001 | PSF     | yes             |      |  |
| 2.1.2                                | 2.1.1    | 2002     | PSF     | yes             |      |  |
| 2.1.3                                | 2.1.2    | 2002     | PSF     | yes             |      |  |
| 2.2 and above 2.1.1 2001-now PSF yes |          |          |         |                 |      |  |

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* markupsafe._speedups
* ~~~~~~
*
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*/
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- 14. davidrios/jade-tmbundle (https://github.com/davidrios/jade-tmbundle)
- 15. definitelytyped (https://github.com/DefinitelyTyped/DefinitelyTyped)
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- 18. freebroccolo/atom-language-swift (https://github.com/freebroccolo/atom-language-swift)
- 19. HTML 5.1 W3C Working Draft version 08 October 2015 (http://www.w3.org/TR/2015/WD-html51-20151008/)
- 20. Ionic documentation version 1.2.4 (https://github.com/ionic-team/ionic-site)
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2. I want to package these fonts separately for distribution and sale as part of a larger software package or system. Can I do so?

Yes. A RPM or Debian package is a "larger software package" to begin with, and you aren't selling them independently by themselves. See 1. above.

- 3. Are derivative works allowed? Yes!
- 4. Can I change or add to the font(s)?Yes, but you must change the name(s) of the font(s).
- 5. Under what terms are derivative works allowed?

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6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

7. I want to sell a software package that uses these fonts: Can I do so?

Sure. Bundle the fonts with your software and sell your software with the fonts. That is the intent of the copyright.

8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source systems and software (e.g., Gnome, KDE, etc.) are now converting to use fontconfig (see www.fontconfig.org) to handle font configuration, selection and substitution; it has provisions for overriding font names and substituting alternatives. An example is provided by the supplied local.conf file, which chooses the family Bitstream Vera for "sans", "serif" and "monospace". Other software (e.g., the XFree86 core server) has other mechanisms for font substitution.

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## 1.102 htmlparser2 3.8.0

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## 1.105 python 3.7.11

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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| Release                               | Deriv     | ed Yea   | r Owr   | er (            | GPL- |  |
|---------------------------------------|-----------|----------|---------|-----------------|------|--|
| 1                                     | from      |          | com     | compatible? (1) |      |  |
|                                       |           |          |         |                 |      |  |
| 0.9.0 thru                            | 1.2       | 1991-1   | 1995 CW | Iу              | ves  |  |
| 1.3 thru 1.5.2 1.2 1995-1999 CNRI yes |           |          |         |                 | yes  |  |
| 1.6                                   | 1.5.2     | 2000     | CNRI    | no              |      |  |
| 2.0                                   | 1.6       | 2000     | BeOpen. | com no          | )    |  |
| 1.6.1                                 | 1.6       | 2001     | CNRI    | yes (           | 2)   |  |
| 2.1                                   | 2.0 + 1.6 | .1 2001  | PSF     | no              |      |  |
| 2.0.1                                 | 2.0+1.6   | 5.1 2001 | PSF     | yes             |      |  |
| 2.1.1                                 | 2.1+2.0   | 0.1 2001 | PSF     | yes             |      |  |
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## 1.108 future 5.1.0

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# Contributor Covenant Code of Conduct

## Our Pledge

We as members, contributors, and leaders pledge to make participation in our community a harassment-free experience for everyone, regardless of age, body size, visible or invisible disability, ethnicity, sex characteristics, gender identity and expression, level of experience, education, socio-economic status, nationality, personal appearance, race, religion, or sexual identity and orientation.

We pledge to act and interact in ways that contribute to an open, welcoming, diverse, inclusive, and healthy community.

## Our Standards

Examples of behavior that contributes to a positive environment for our community include:

- \* Demonstrating empathy and kindness toward other people
- \* Being respectful of differing opinions, viewpoints, and experiences
- \* Giving and gracefully accepting constructive feedback
- \* Accepting responsibility and apologizing to those affected by our mistakes, and learning from the experience
- \* Focusing on what is best not just for us as individuals, but for the overall community

Examples of unacceptable behavior include:

\* The use of sexualized language or imagery, and sexual attention or advances of any kind

- \* Trolling, insulting or derogatory comments, and personal or political attacks
- \* Public or private harassment

\* Publishing others' private information, such as a physical or email address, without their explicit permission

\* Other conduct which could reasonably be considered inappropriate in a professional setting

#### ## Enforcement Responsibilities

Community leaders are responsible for clarifying and enforcing our standards of acceptable behavior and will take appropriate and fair corrective action in response to any behavior that they deem inappropriate, threatening, offensive, or harmful.

Community leaders have the right and responsibility to remove, edit, or reject comments, commits, code, wiki edits, issues, and other contributions that are not aligned to this Code of Conduct, and will communicate reasons for moderation decisions when appropriate.

#### ## Scope

This Code of Conduct applies within all community spaces, and also applies when an individual is officially representing the community in public spaces. Examples of representing our community include using an official e-mail address, posting via an official social media account, or acting as an appointed representative at an online or offline event.

#### ## Enforcement

Instances of abusive, harassing, or otherwise unacceptable behavior may be reported to the project lead.

All complaints will be reviewed and investigated promptly and fairly.

All community leaders are obligated to respect the privacy and security of the reporter of any incident.

#### ## Enforcement Guidelines

Community leaders will follow these Community Impact Guidelines in determining the consequences for any action they deem in violation of this Code of Conduct:

#### ### 1. Correction

\*\*Community Impact\*\*: Use of inappropriate language or other behavior deemed unprofessional or unwelcome in the community.

\*\*Consequence\*\*: A private, written warning from community leaders, providing clarity around the nature of the violation and an explanation of why the behavior was inappropriate. A public apology may be requested.

#### ### 2. Warning

\*\*Community Impact\*\*: A violation through a single incident or series of actions.

\*\*Consequence\*\*: A warning with consequences for continued behavior. No interaction with the people involved, including unsolicited interaction with those enforcing the Code of Conduct, for a specified period of time. This includes avoiding interactions in community spaces as well as external channels like social media. Violating these terms may lead to a temporary or permanent ban.

### 3. Temporary Ban

\*\*Community Impact\*\*: A serious violation of community standards, including sustained inappropriate behavior.

\*\*Consequence\*\*: A temporary ban from any sort of interaction or public communication with the community for a specified period of time. No public or private interaction with the people involved, including unsolicited interaction with those enforcing the Code of Conduct, is allowed during this period. Violating these terms may lead to a permanent ban.

### 4. Permanent Ban

\*\*Community Impact\*\*: Demonstrating a pattern of violation of community standards, including sustained inappropriate behavior, harassment of an individual, or aggression toward or disparagement of classes of individuals.

\*\*Consequence\*\*: A permanent ban from any sort of public interaction within the community.

#### ## Attribution

This Code of Conduct is adapted from the [Contributor Covenant][homepage], version 2.0, available at https://www.contributor-covenant.org/version/2/0/code\_of\_conduct.html.

Community Impact Guidelines were inspired by [Mozilla's code of conduct enforcement ladder](https://github.com/mozilla/diversity).

[homepage]: https://www.contributor-covenant.org

For answers to common questions about this code of conduct, see the FAQ at https://www.contributor-covenant.org/faq. Translations are available at https://www.contributor-covenant.org/translations.

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\* /opt/cola/permits/1271961303\_1645142519.38/0/future-develop-zip/future-develop/CONDUCT.md No license file was found, but licenses were detected in source scan.

Package: dummy Version: 0.1 Title: A Dummy Package Description: A package placeholder to trick 'usethis' to stop at the folder where this DESCRIPTION file lives rather than traversing higher up in the directory structure. This protects against bugs such as the one described in https://github.com/r-lib/lifecycle/issues/52. Authors@R: person("Dummy", "Dummyson", role="aut", email = "dummy@dummy.org") License: GPL (>= 3) Imports: lifecycle RdMacros: lifecycle

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```
Package: future
Version: 1.23.0-9006
Title: Unified Parallel and Distributed Processing in R for Everyone
Imports:
 digest,
 globals (>= 0.14.0),
 listenv (>= 0.8.0),
 parallel,
 parallelly (>= 1.30.0),
 tools,
 utils
Suggests:
 RhpcBLASctl,
 R.rsp,
 markdown
VignetteBuilder: R.rsp
Authors@R: c(person("Henrik", "Bengtsson", role=c("aut", "cre", "cph"),
                         email = "henrikb@braju.com"))
Description: The purpose of this package is to provide a lightweight and
 unified Future API for sequential and parallel processing of R
 expression via futures. The simplest way to evaluate an expression
 in parallel is to use `x %<-% { expression }` with `plan(multisession)`.
 This package implements sequential, multicore, multisession, and
 cluster futures. With these, R expressions can be evaluated on the
```

local machine, in parallel a set of local machines, or distributed on a mix of local and remote machines. Extensions to this package implement additional backends for processing futures via compute cluster schedulers, etc. Because of its unified API, there is no need to modify any code in order switch from sequential on the local machine to, say, distributed processing on a remote compute cluster. Another strength of this package is that global variables and functions are automatically identified and exported as needed, making it straightforward to tweak existing code to make use of futures. License: LGPL ( $\geq 2.1$ ) LazyLoad: TRUE ByteCompile: TRUE URL: https://future.futureverse.org, https://github.com/HenrikBengtsson/future BugReports: https://github.com/HenrikBengtsson/future/issues RoxygenNote: 7.1.2 Roxygen: list(markdown = TRUE)

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## 1.111 python-certifi 2021.05.30

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011# This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree: http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1# It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php\_curl, or with an Apache+mod\_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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# 1.112 libsodium 1.0.18

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# 1.113 jetty-proxy 9.4.18.v20190429

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

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\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modififications are hosted at github and both modified and original are under GPL v2 with classpath exceptions. http://openjdk.java.net/legal/gplv2+ce.html

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#### OW2

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

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org.apache.taglibs:taglibs-standard-spec

### -----

### MortBay

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

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

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#### Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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#### Assorted

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# 1.114 chardet 2.3.0

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## 1.115 jetty-client 9.4.18.v20190429

# 1.116 aiohttp 3.7.4.post0

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# 1.117 futures-then 0.1.1

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Metadata-Version: 1.1 Name: futures\_then Version: 0.1.1 Summary: Python Futures made then-able Home-page: https://github.com/dvdotsenko/python-future-then Author: Daniel Dotsenko Author-email: dotsa@hotmail.com License: MIT Download-URL: https://github.com/dvdotsenko/python-future-then/tarball/master Description: Extending Python's Future (Promise) object with missing chaining API like `.then()` and others.

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Keywords: Promise,Future,Promises,Futures,thenable,chain Platform: UNKNOWN Classifier: Development Status :: 5 - Production/Stable Classifier: Intended Audience :: Developers Classifier: License :: OSI Approved :: MIT License Classifier: Operating System :: OS Independent Classifier: Programming Language :: Python :: 2.6 Classifier: Programming Language :: Python :: 2.7

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## 1.120 beaker 1.10.1

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\* /opt/cola/permits/1160880073\_1620412750.67/0/beaker-1-10-1-1-tar-gz/Beaker-1.10.1/beaker/converters.py No license file was found, but licenses were detected in source scan.

Metadata-Version: 2.1 Name: Beaker Version: 1.10.1 Summary: A Session and Caching library with WSGI Middleware Home-page: https://beaker.readthedocs.io/

Cache and Session Library

\_\_\_\_\_

About

\_\_\_\_

Beaker is a web session and general caching library that includes WSGI middleware for use in web applications.

As a general caching library, Beaker can handle storing for various times any Python object that can be pickled with optional back-ends on a fine-grained basis.

Beaker was built largely on the code from MyghtyUtils, then refactored and extended with database support.

Beaker includes Cache and Session WSGI middleware to ease integration with WSGI capable frameworks, and is automatically used by `Pylons <http://www.pylonsproject.org/projects/pylons-framework/about>`\_ and `TurboGears <http://www.turbogears.org/>`\_.

#### Features

\_\_\_\_\_

- \* Fast, robust performance
- \* Multiple reader/single writer lock system to avoid duplicate simultaneous cache creation
- \* Cache back-ends include dbm, file, memory, memcached, Redis, MongoDB, and database (Using SQLAlchemy for multiple-db vendor support)
- \* Signed cookies to prevent session hijacking/spoofing
- \* Cookie-only sessions to remove the need for a db or file backend (ideal for clustered systems)
- \* Extensible Container object to support new back-ends
- \* Caches can be divided into namespaces (to represent templates, objects, etc.) then keyed for different copies
- \* Create functions for automatic call-backs to create new cache copies after expiration
- \* Fine-grained toggling of back-ends, keys, and expiration per Cache object

#### Documentation

\_\_\_\_\_

Documentation can be found on the `Official Beaker Docs site <a href="http://beaker.groovie.org/>`\_.">http://beaker.groovie.org/>`\_.</a>

#### Source

\_\_\_\_\_

The latest developer version is available in a `GitHub repository <https://github.com/bbangert/beaker>`\_.

#### Contributing

\_\_\_\_\_

Bugs can be filed on GitHub, \*\*should be accompanied by a test case\*\* to retain current code coverage, and should be in a pull request when ready to be accepted into the beaker code-base.

Keywords: wsgi myghty session web cache middleware Platform: UNKNOWN Classifier: Development Status :: 5 - Production/Stable Classifier: Environment :: Web Environment Classifier: Intended Audience :: Developers Classifier: License :: OSI Approved :: BSD License Classifier: Programming Language :: Python Classifier: Programming Language :: Python :: 2.6 Classifier: Programming Language :: Python :: 2.7 Classifier: Programming Language :: Python :: 3 Classifier: Programming Language :: Python :: 3.2 Classifier: Programming Language :: Python :: 3.3 Classifier: Programming Language :: Python :: 3.4 Classifier: Programming Language :: Python :: 3.5 Classifier: Programming Language :: Python :: 3.6 Classifier: Programming Language :: Python :: 3.7 Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content Classifier: Topic :: Internet :: WWW/HTTP :: WSGI Classifier: Topic :: Internet :: WWW/HTTP :: WSGI :: Middleware Provides-Extra: crypto Provides-Extra: cryptography Provides-Extra: pycrypto Provides-Extra: pycryptodome Provides-Extra: testsuite

Found in path(s):

\* /opt/cola/permits/1160880073\_1620412750.67/0/beaker-1-10-1-1-tar-gz/Beaker-1.10.1/Beaker.egg-info/PKG-INFO

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\*/opt/ws local/PERMITS SQL/1091220915 1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/FloatHistogram.java \* /opt/ws\_local/PERMITS\_SQL/1091220915\_1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/AVLGroupTree.java \* /opt/ws\_local/PERMITS\_SQL/1091220915\_1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/Sort.java \*/opt/ws local/PERMITS SQL/1091220915 1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/TDigest.java \* /opt/ws\_local/PERMITS\_SQL/1091220915\_1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/IntAVLTree.java \* /opt/ws\_local/PERMITS\_SQL/1091220915\_1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/Histogram.java \* /opt/ws\_local/PERMITS\_SQL/1091220915\_1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/MergingDigest.java \* /opt/ws local/PERMITS SQL/1091220915 1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/Centroid.java \* /opt/ws\_local/PERMITS\_SQL/1091220915\_1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/Simple64.java \* /opt/ws\_local/PERMITS\_SQL/1091220915\_1600449900.56/0/t-digest-3-2-sources-1jar/com/tdunning/math/stats/AbstractTDigest.java \* /opt/ws local/PERMITS SQL/1091220915 1600449900.56/0/t-digest-3-2-sources-1-

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\* /opt/cola/permits/1136206434\_1613708795.0/0/parquet-hive-binding-interface-1-10-1-sources-1-jar/org/apache/parquet/hive/internal/AbstractHiveBinding.java

### 1.125 spacebridge-python-sdk 1.6.3

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Metadata-Version: 2.1 Name: spacebridge-python-sdk Version: 1.6.29 Summary: python sdk for integrating applications with the cloud gateway/spacebridge service Home-page: https://git.splunk.com/projects/MOBILE/repos/spacebridgeappsdk/browse Author: Splunk Connected Experiences Author-email: mobile-team@splunk.com License: UNKNOWN Platform: UNKNOWN Description-Content-Type: text/markdown Requires-Dist: protobuf (==3.17.3) Requires-Dist: splapp-protos Requires-Dist: spacebridge-protos Requires-Dist: aiohttp Requires-Dist: requests Requires-Dist: certifi

# Spacebridge App SK

SDK for integrating applications with Spacebridge (formerly called Cloud Gateway)

## Developer Setup

- Create a virtual environment: `python3 -m venv venv`

- Activate virtual environment `source venv/bin/activate`

- `make -B init` will install the necessary test dependencies python dependencies

- `make -B build` will build the spacebridge sdk python package and install it as well as it's dependencies in the current virtual environment

- `make -B test` will run unit tests

## IDE Setup

- In Pycharm go to `Preferences->Project:SpacebridgeAppSdk->Project Interpreter` and add your newly created virtual environment

#### ## Usage

If using the production version of the sdk, you can install it via splunk's artifactory: `pip install spacebridge\_python\_sdk`.

Splunk's artifactory needs to be already linked in your pip.conf which can be done via `make configure\_pip`.

If making changes to the sdk, build your own custom version of the package using `make package` which will create the python package under `dist`.

Install this new package whereever you use the spacebridge sdk (your own virtual envioenment, splunk app, etc.)

#### ### Examples

For end-to-end examples take a look at the examples folder.

#### ### Registration

The SDK offers the ability to either run from within a Splunk App or run as a standalone component. If you are running within a Splunk

App, you can let the SDK handle the persistence of encryption information via Splunk's passwords API. To facilitate this, you need to create

a SplunkEncryptionContext object for which you need to provide a splunk system session token (this is because the passwords API requires a

system level token to access it). This can be done as follows:

#### ```python

#### .....

This example requires a splunk session token. See the examples folder for an end-to-end example

from cloudgateway.registration\_api import authenticate\_code, pair\_device from cloudgateway.auth.auth\_credentials import SimpleUserCredentials from cloudgateway.splunk.encryption import SplunkEncryptionContext

# Auth code shown on mobile device AUTH\_CODE = "WS5TREWAE8"

# Get mobile device's public keys encryption\_context = SplunkEncryptionContext(session\_key) device\_info = authenticate\_code(AUTH\_CODE, encryption\_context)

# Use the splunk user's login credentials to finish pairing device, The mobile device will then authenticate # with splunk by using the supplied credentials user\_credentials = SimpleUserCredentials('admin', 'dishdash') pair\_device(AUTH\_CODE, user\_credentials, device\_info, encryption\_context) Alternatively, you can use the SDK independently of Splunk. In this case, you can instantiate a generic EncryptionContext object. The

EncryptionContext object can take a EncryptionInfo object as a parameter which can be used to inject keys yourself. This will be useful

if you want to use previously generated keys (i.e. if you do a system restart). Look at the examples section for a more involved example

on persisting encryption keys between sessions.

```
```python
```

This example is a stand alone example that should work without a splunk instance.

from cloudgateway.registration\_api import authenticate\_code, pair\_device from cloudgateway.auth.auth\_credentials import SimpleUserCredentials from cloudgateway.encryption import SplunkEncryptionContext

# Auth code shown on mobile device AUTH CODE = "WS5TREWAE8"

# Get mobile device's public keys encryption\_context = EncryptionContext() def resolve\_app\_name(app\_id): # if you need a human friendly app name, do the mapping here return None device\_info = authenticate\_code(AUTH\_CODE, encryption\_context, resolve\_app\_name)

# Use the splunk user's login credentials to finish pairing device, The mobile device will then authenticate # with splunk by using the supplied credentials user\_credentials = SimpleUserCredentials('admin', 'dishdash') pair\_device(AUTH\_CODE, user\_credentials, device\_info, encryption\_context)

### Connecting to Spacebridge/Cloud Gateway

The below example demonstrates how to instantiate a websocket client to Cloud Gateway. It relies on a Splunk instance to manage the keys. If running as a standalone app, simply change the encryption context object

to the base EncryptionContext object (like the above example).

In order to initiate a websocket connection to spacebridge, we first have to implement the AbstractMessageHandler interface. We have to implement the `handle\_application\_message`, `handle\_cloudgateway\_message` methods which specifies how we want to handle messages coming from the client/server side as well as how to handle messages coming in from Spacebridge itself.

```python

from cloudgateway.private.util.dev import set\_splunk\_env
set\_splunk\_env()
import base64

import splunk.rest as rest

from cloudgateway.websocket import CloudGatewayWsClient, AbstractMessageHandler from protocol.splapp\_protocol import envelope\_pb2

```
device_info_map = { }
```

```
class SimpleMessageHandler(AbstractMessageHandler):
```

```
def handle_application_message(self, msg, sender, rid):
    client_application_message = envelope_pb2.ClientApplicationMessage()
    client_application_message.ParseFromString(msg)
    print client_application_message
```

def handle\_cloudgateway\_message(self, msg): print msg

def fetch\_device\_info(self, device\_id):
 return device\_info\_map[base64.b64encode(device\_id)]

class DummyLogger(object): def info(self, msg): print msg

def debug(self, msg): print msg

```
if __name__ == "__main__":
    encryption_context = SplunkEncryptionContext(session_key)
```

client = CloudGatewayWsClient(encryption\_context, SimpleMessageHandler(session\_key),
logger=DummyLogger())
client.connect()

...

Found in path(s):

\* /opt/cola/permits/1176089945\_1683551080.555549/0/spacebridge-python-sdk-1-6-29-dist-infozip/spacebridge\_python\_sdk-1.6.29.dist-info/METADATA

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

The following artifacts are EPL and ASL2. \* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0. \* org.eclipse.jetty.orbit:javax.mail.glassfish

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The following artifacts are CDDL + GPLv2 with classpath exception. https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

Oracle OpenJDK

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

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modififications are hosted at github and both modified and original are under GPL v2 with classpath exceptions. http://openjdk.java.net/legal/gplv2+ce.html

OW2

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

#### -----Apache

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

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

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

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The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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# 1.127 jmespath 0.9.4

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# 1.128 jaraco-functools 2.0

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# 1.133 boost 1.60.0

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#include <boost/mpl/push\_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/transform.hpp>
#include <boost/mpl/vector.hpp>

template <typename X>
struct f { using type = X; };

template <int i>
struct t { };

using vector = <% = mpl\_vector((1..input\_size).to\_a.map { |n| "t<#{n}>" }) %>;

using result = boost::mpl::transform<vector, boost::mpl::quote1<f>>::type;

int main() { }

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

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
 <title>License &#8212; Boost.HigherOrderFunctions 0.6 documentation</title>
 k rel="stylesheet" href=".././_static/boostbook.css" type="text/css" />
 k rel="stylesheet" href="../../_static/pygments.css" type="text/css" />
 <script type="text/javascript">
  var DOCUMENTATION_OPTIONS = {
   URL ROOT: '../../',
   VERSION: '0.6',
   COLLAPSE INDEX: false,
   FILE_SUFFIX: '.html',
   HAS_SOURCE: true,
   SOURCELINK SUFFIX: '.txt'
  };
 </script>
 <script type="text/javascript" src="../../_static/jquery.js"></script>
 <script type="text/javascript" src="../../_static/underscore.js"></script>
 <script type="text/javascript" src="../../_static/doctools.js"></script>
 k rel="index" title="Index" href="../../genindex.html" />
 k rel="search" title="Search" href="../../search.html" />
 k rel="prev" title="Acknowledgements" href="acknowledgements.html" />
</head>
<body role="document">
<img alt="Boost C++ Libraries" width="277" height="86"src=".././_static/boost.png">
<div class="spirit-nav">
<a accesskey="p" href="acknowledgements.html"><img src="../../_static/prev.png" alt="Prev"></a>
<a accesskey="u" href="../index.html"><img src="../../_static/up.png" alt="Up"></a>
<a accesskey="h" href="../index.html"><img src="../../_static/home.png" alt="Home"></a>
<a accesskey="n" ><img src="../../_static/next.png" alt="Next"></a>
</div>
 <div class="document">
<div class="chapter">
```

<div class="body" role="main">

```
<!-- Copyright 2018 Paul Fultz II
```

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```
a source language processor.
```

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```
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</div>
  <div class="clearer"></div>
 </div>
 <div class="footer" role="contentinfo">
 <div class="copyright-footer">
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   <a href="http://www.boost.org/LICENSE_1_0.txt"
target="_top">http://www.boost.org/LICENSE_1_0.txt</a>)
   </div>
 </div>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head></head>
<body>
 <h3>
  Copyright Test
 </h3>
 1963, 1964, 1965 Jane Doe
 2018 Joe Blow, John Coe
 1977, 1985 Someone else
 </body>
</html>
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#ifndef BOOST\_INTRUSIVE\_DETAIL\_MPL\_HPP
#define BOOST\_INTRUSIVE\_DETAIL\_MPL\_HPP

#ifndef BOOST\_CONFIG\_HPP
# include <boost/config.hpp>
#endif

#if defined(BOOST\_HAS\_PRAGMA\_ONCE)
# pragma once
#endif

#include <boost/intrusive/detail/config\_begin.hpp>
#include <boost/move/detail/type\_traits.hpp>

namespace boost {
namespace intrusive {
namespace detail {

using boost::move detail::is same; using boost::move\_detail::add\_const; using boost::move\_detail::remove\_const; using boost::move\_detail::remove\_cv; using boost::move\_detail::remove\_reference; using boost::move\_detail::add\_reference; using boost::move\_detail::remove\_pointer; using boost::move\_detail::add\_pointer; using boost::move\_detail::true\_type; using boost::move\_detail::false\_type; using boost::move\_detail::enable\_if\_c; using boost::move detail::enable if; using boost::move\_detail::disable\_if\_c; using boost::move\_detail::disable\_if; using boost::move detail::is convertible; using boost::move\_detail::if\_c; using boost::move\_detail::if\_; using boost::move\_detail::is\_const; using boost::move\_detail::identity; using boost::move\_detail::alignment\_of; using boost::move\_detail::is\_empty; using boost::move\_detail::addressof; using boost::move\_detail::integral\_constant; using boost::move\_detail::enable\_if\_convertible; using boost::move\_detail::disable\_if\_convertible; using boost::move\_detail::bool\_; using boost::move\_detail::true\_; using boost::move\_detail::false\_; using boost::move\_detail::yes\_type; using boost::move\_detail::no\_type; using boost::move\_detail::apply; using boost::move\_detail::eval\_if\_c; using boost::move\_detail::eval\_if; using boost::move\_detail::unvoid\_ref; using boost::move\_detail::add\_const\_if\_c; template<std::size\_t S> struct ls\_zeros {

```
static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);
};
```

```
template<>
struct ls_zeros<0>
{
static const std::size_t value = 0;
};
template<>
struct ls_zeros<1>
{
static const std::size_t value = 0;
};
// Infrastructure for providing a default type for T::TNAME if absent.
#define BOOST_INTRUSIVE_INSTANTIATE_DEFAULT_TYPE_TMPLT(TNAME) \
 template <typename T>
 struct boost_intrusive_has_type_ ## TNAME
                                                     /
 {
                                    template <typename X>
  static char test(int, typename X::TNAME*);
  template <typename X>
                                             \
  static int test(...);
  static const bool value = (1 = sizeof(test < T > (0, 0)));
 };
 template <typename T, typename DefaultType>
 struct boost_intrusive_default_type_ ## TNAME
                                                      \
 {
  struct DefaultWrap { typedef DefaultType TNAME; };
  typedef typename
    ::boost::intrusive::detail::if_c
      < boost_intrusive_has_type_ ## TNAME<T>::value
      , T, DefaultWrap>::type::TNAME type;
 };
                                    \
//
#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_DEFAULT(INSTANTIATION_NS_PREFIX, T,
TNAME, TIMPL) \
  typename INSTANTIATION_NS_PREFIX
    boost_intrusive_default_type_ ## TNAME< T, TIMPL >::type
                                                                           //
#define BOOST_INTRUSIVE_HAS_TYPE(INSTANTIATION_NS_PREFIX, T, TNAME) \
  INSTANTIATION_NS_PREFIX
    boost_intrusive_has_type_ ## TNAME< T >::value
                                                          \
//
```

```
#define BOOST_INTRUSIVE_INSTANTIATE_EVAL_DEFAULT_TYPE_TMPLT(TNAME)
 template <typename T, typename DefaultType>
 struct boost_intrusive_eval_default_type_ ## TNAME
                                                        \
 {
                                    template <typename X>
                                              static char test(int, typename X::TNAME*);
  template <typename X>
                                              \
  static int test(...);
  struct DefaultWrap
  { typedef typename DefaultType::type TNAME; };
  static const bool value = (1 = sizeof(test < T > (0, 0)));
  typedef typename
    ::boost::intrusive::detail::eval if c
      < value
      , ::boost::intrusive::detail::identity<T>
                                               \
      , ::boost::intrusive::detail::identity<DefaultWrap> \
      >::type::TNAME type;
 };
                                     \
//
#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T,
TNAME, TIMPL) \
  typename INSTANTIATION_NS_PREFIX
                                                                          \
    boost_intrusive_eval_default_type_ ## TNAME< T, TIMPL >::type
//
#define BOOST_INTRUSIVE_INTERNAL_STATIC_BOOL_IS_TRUE(TRAITS_PREFIX,
TYPEDEF_TO_FIND) \
template <class T>\
struct TRAITS_PREFIX##_bool\
{\
 template<bool Add>\
 struct two_or_three {yes_type _[2 + Add];};
 template <class U> static yes_type test(...);\
 template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int);\
 static const std::size_t value = sizeof(test<T>(0));\
};\
\
template <class T>\
struct TRAITS_PREFIX##_bool_is_true\
{\
 static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2;\
};\
```

//

```
#define BOOST_INTRUSIVE_HAS_STATIC_MEMBER_FUNC_SIGNATURE(TRAITS_NAME,
FUNC_NAME) \
template <typename U, typename Signature> \
class TRAITS_NAME \setminus
{ \
private: \
template<Signature> struct helper;\
template<typename T> \
static ::boost::intrusive::detail::yes_type test(helper<&T::FUNC_NAME>*); \
template<typename T> static ::boost::intrusive::detail::no_type test(...); \
public: \
static const bool value = sizeof(test<U>(0)) == sizeof(::boost::intrusive::detail::yes_type); \
}; \
//
#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) \
template <typename Type> \
struct TRAITS_NAME \
{ \
 struct BaseMixin \
 { \
  void FUNC_NAME(); \
 }; \
 struct Base : public Type, public BaseMixin { Base(); }; \
 template <typename T, T t> class Helper{}; \
 template <typename U> \
 static ::boost::intrusive::detail::no_type test(U*, Helper<void (BaseMixin::*)(), &U::FUNC_NAME>* = 0); \
 static ::boost::intrusive::detail::yes_type test(...); \
 static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0))); \
};\
```

```
//
```

```
#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME,
FUNC_NAME) \
BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME)
\
template <typename Type, class> \
struct TRAITS_NAME \
: public TRAITS_NAME \
: public TRAITS_NAME##_ignore_signature<Type> \
{};\
//
```

#include <boost/intrusive/detail/config\_end.hpp>

#endif //BOOST\_INTRUSIVE\_DETAIL\_MPL\_HPP

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[section:mpl MPL Interoperability]

All the value based traits in this library conform to MPL's requirements for an [@../../../libs/mpl/doc/refmanual/integral-constant.html Integral Constant type].

Please note that these types no longer inherit from `mpl::true\_` or `mpl::false\_` etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from `integral\_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.

[endsect]
[article Invalid copyright years
[quickbook 1.5]
[copyright 2010-2001 Timequake man]
]
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<a accesskey="p" href="intrinsics.html"><img src="../../../../doc/src/images/prev.png" alt="Prev"></a><a accesskey="u" href="../index.html"><img src="../../../.doc/src/images/up.png" alt="Up"></a><a accesskey="h" href="../index.html"><img src="../../../../doc/src/images/home.png" alt="Home"></a><a accesskey="n" href="examples.html"><img src="../../../doc/src/images/next.png" alt="Next"></a> </div><div class="section"> <div class="titlepage"><div><div><h2 class="title" style="clear: both"> <a name="boost\_typetraits.mpl"></a><a class="link" href="mpl.html" title="MPL Interoperability">MPL Interoperability</a> </h2></div></div> All the value based traits in this library conform to MPL's requirements for an <a href="../../../.libs/mpl/doc/refmanual/integral-constant.html" target=" top">Integral Constant type</a>. Please note that these types no longer inherit from <code class="computeroutput"><span class="identifier">mpl</span><span class="special">:::</span><span class="identifier">true </span></code> or <code class="computeroutput"><span class="identifier">mpl</span><span class="special">:::</span><span class="identifier">false\_</span></code> etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from <code class="computeroutput"><span class="identifier">integral\_constant</span></code> to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before. </div> <div class="copyright-footer">Copyright &#169; 2000, 2011 Adobe Systems Inc, David Abrahams, Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant, Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek, Robert Stewart and Steven Watanabe Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE\_1\_0.txt or copy at <a href="http://www.boost.org/LICENSE\_1\_0.txt" target="\_top">http://www.boost.org/LICENSE\_1\_0.txt</a>) </div> <hr> <div class="spirit-nav"> <a accesskey="p" href="intrinsics.html"><img src="./../../../.doc/src/images/prev.png" alt="Prev"></a><a accesskey="u" href="../index.html"><img src="../../../../doc/src/images/up.png" alt="Up"></a><a accesskey="h" href="../index.html"><img src="../../../../oc/src/images/home.png" alt="Home"></a><a accesskey="n" href="examples.html"><img src="../../../doc/src/images/next.png" alt="Next"></a>

</div>

</body>

#### </html>

[/

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var group\_group\_ext\_mpl =

[

[ "integral\_c", "structboost\_1\_1mpl\_1\_1integral\_\_c.html", null ], [ "list", "structboost\_1\_1mpl\_1\_1list.html", null ], [ "vector", "structboost\_1\_1mpl\_1\_1vector.html", null ] ];

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#include <boost/mpl/push\_back.hpp>
#include <boost/mpl/vector.hpp>

template <int i>
struct t { };

using vector = <% = mpl\_vector((1..input\_size).to\_a.map { |n| "t<#{n}>" }) %>;

#ifndef BOOST\_CONTAINER\_CONTAINER\_DETAIL\_MPL\_HPP #define BOOST\_CONTAINER\_CONTAINER\_DETAIL\_MPL\_HPP

#ifndef BOOST\_CONFIG\_HPP
# include <boost/config.hpp>
#endif

#if defined(BOOST\_HAS\_PRAGMA\_ONCE)
# pragma once
#endif

#include <boost/container/detail/config\_begin.hpp>
#include <boost/container/detail/workaround.hpp>
#include <boost/move/detail/type\_traits.hpp>
#include <boost/intrusive/detail/mpl.hpp>

#include <cstddef>

namespace boost { namespace container { namespace dtl {

using boost::move\_detail::integral\_constant; using boost::move\_detail::true\_type; using boost::move\_detail::false\_type; using boost::move\_detail::enable\_if\_c; using boost::move\_detail::enable\_if; using boost::move\_detail::enable\_if\_cc; using boost::move\_detail::disable\_if\_c; using boost::move\_detail::disable\_if; using boost::move\_detail::disable\_if; using boost::move\_detail::disable\_if\_convertible; using boost::move\_detail::disable\_if\_convertible;

```
using boost::move_detail::if_c;
using boost::move_detail::if_;
using boost::move_detail::identity;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::unvoid_ref;
using boost::move_detail::and_;
using boost::move_detail::or_;
using boost::move_detail::not_;
using boost::move_detail::enable_if_and;
using boost::move_detail::disable_if_and;
using boost::move_detail::enable_if_or;
using boost::move_detail::disable_if_or;
```

```
template <class FirstType>
struct select1st
{
  typedef FirstType type;
```

```
template<class T>
const type& operator()(const T& x) const
{ return x.first; }
```

```
template<class T>
type& operator()(T& x)
{ return const_cast<type&>(x.first); }
};
```

```
template <class T, class=void>
struct is_transparent
{
  static const bool value = false;
};
```

```
template <class T>
struct is_transparent<T, typename T::is_transparent>
{
   static const bool value = true;
};
```

template <typename C, typename K, typename R> struct enable\_if\_transparent

```
: boost::move_detail::enable_if_c<dtl::is_transparent<C>::value, R> \{\};
```

```
} //namespace dtl {
} //namespace container {
} //namespace boost {
```

#include <boost/container/detail/config\_end.hpp>

```
#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP
```

```
#ifndef BOOST_CONFIG_HPP
# include <boost/config.hpp>
#endif
#
#if defined(BOOST_HAS_PRAGMA_ONCE)
# pragma once
#endif
#include <cstddef>
namespace boost {
namespace interprocess {
namespace ipcdetail {
template <class T, T val>
struct integral_constant
{
 static const T value = val;
 typedef integral_constant<T,val> type;
};
template< bool C_>
```

```
struct bool_: integral_constant<bool, C_>
{
 static const bool value = C_;
};
typedef bool_<true>
                         true_;
typedef bool_<false>
                         false ;
typedef true_ true_type;
typedef false_ false_type;
typedef char yes_type;
struct no_type
{
 char padding[8];
};
template <bool B, class T = void>
struct enable_if_c {
typedef T type;
};
template <class T>
struct enable_if_c<false, T> { };
template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> { };
template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> { };
template<
  bool C
 , typename T1
 , typename T2
 >
struct if_c
{
 typedef T1 type;
};
template<
   typename T1
 , typename T2
 >
struct if_c<false,T1,T2>
{
 typedef T2 type;
```

};

```
template<
   typename T1
 , typename T2
  , typename T3
 >
struct if_
{
 typedef typename if_c<0 != T1::value, T2, T3>::type type;
};
template<std::size_t S>
struct ls_zeros
{
 static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};
template<>
struct ls_zeros<0>
{
 static const std::size_t value = 0;
};
template<>
struct ls_zeros<1>
{
 static const std::size_t value = 0;
};
} //namespace ipcdetail {
} //namespace interprocess {
} //namespace boost {
#endif //#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#!/usr/bin/env python
from subprocess import check_output as run
from datetime import datetime
from itertools import groupby
from operator import itemgetter
import re
import magic
def authors(filename):
 log = run(['git', 'log', '--follow',
        '--date=short','--format=%aN%x09%ad', filename],
```

```
universal_newlines=True)
```

```
for line in log.splitlines():
           author, date = line.split('\t')
          if author != 'fix-copyright.py':
                 yield author, datetime.strptime(date, '%Y-%m-%d')
def new_copyright(filename, previous):
    def f():
          au = list(authors(filename))
          alldates = map(itemgetter(1), au)
          aup = sorted(au + map(lambda a: (a, None), previous), key=itemgetter(0))
          for author, records in groupby(aup, itemgetter(0)):
                 dates = filter(None, map(itemgetter(1), records))
                 if not dates: dates = alldates
                 start = min(dates)
                end = max(dates)
                fmt = \{0\}' if start.year == end.year else \{0\}-\{1\}'
                 line = 'Copyright ' + fmt.format(start.year, end.year) + ' ' + author
                 key = (start, author)
                 yield key, line
    return map(itemgetter(1), sorted(f()))
def fix_copyright(filename):
    # Find copyright block in original file
    prefix = set()
    names = []
    lines = []
    with open(filename, 'r') as f:
          content = list(f)
    for i, line in enumerate(content[:15]):
          m = re.match(r' \land (P < prefix > W*)(((c)))? \ s*? copyright(s*(((c)))? \ s+ \ (P < name > .+?))(s*), \ s*(((c)))? \ s*? \ s*(((c)))? 
line, re.IGNORECASE)
          if m:
                d = m.groupdict()
                 prefix.add(d['prefix'])
                 lines.append(i)
                 names.append(d['name'].strip())
    if len(prefix) != 1:
          print 'Not found:', filename
          return
    prefix = list(prefix)[0]
    print filename
    new = iter(new_copyright(filename, names))
    with open(filename, 'w') as f:
          for i, line in enumerate(content):
                 if i in lines:
                       for repl in new:
                             print >>f, prefix + repl
```

```
else:
print >>f, line,
```

pass

```
def all_files():
    ls = run(['git', 'ls-files'], universal_newlines=True)
    for filename in ls.splitlines():
        if magic.from_file(filename, mime=True).split('/')[0] == 'text':
            yield filename
```

for f in all\_files():
 fix\_copyright(f)
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OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.
[article Invalid copyright
[quickbook 1.5]
```

```
[copyright No year]
```

```
]
```

Maybe this should pass? <?xml version="1.0" encoding="utf-8"?>

```
<!-- Copyright (c) 2001-2006 CrystalClear Software, Inc.
Subject to the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or http://www.boost.org/LICENSE_1_0.txt)
-->
```

<section id="date\_time.license"> <title>Boost Date-Time Library License</title>

```
<br/><br/>bridgehead renderas="sect2">Boost Date-Time Library License</bridgehead>
<!--
ulink url="../../index.htm">
  <imagedata align="left"
        format="GIF"
    fileref="../../boost.png"
    alt="C++ Boost" />
  </ulink>-->
<!--hr /-->
<para>
 The following is the overall license for the boost date_time
 library. This notice is found in all source files related to the
 library.
</para>
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</para>
<!--hr / -->
<ulink url="mailto:jeff@crystalclearsoftware.com">Jeff Garland</ulink>
© 2000-2002
</section>
This is an attempt to acknowledge early contributions to the garbage
collector. Later contributions should instead be mentioned in
README.changes.
HISTORY -
Early versions of this collector were developed as a part of research
```

projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

#### Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.) Boost Software License - Version 1.0 - August 17th, 2003

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Dave Moore (dmoore -at- viefinancial.com) (See Boost list message of 18 Dec 2003 15:35:50 -0500) David Abrahams (dave@boost-consulting.com) Dietmar Kuehl (dietmar\_kuehl -at- yahoo.com) (Email to Andreas Huber, see change log) Douglas Gregor (gregod -at- cs.rpi.edu, dgregor -at- cs.indiana.edu, doug.gregor -at- gmail.com) Dr John Maddock (john - at - johnmaddock.co.uk) Edward D. Brey (brey -at- ductape.net) (Email to Andreas Huber, see change log) Eric Ford (un5o6n902 -at- sneakemail.com) (See Boost list message of Sun, 15 Aug 2004 10:29:13 +0100) Eric Friedman (ebf@users.sourceforge.net) Eric Niebler (eric@boost-consulting.com) Fernando Cacciola (fernando cacciola@ciudad.com.ar) Fernando Luis Cacciola Carballal (fernando\_cacciola@ciudad.com.ar) Francois Faure (Francois.Faure -at- imag.fr) (See CVS log) Gary Powell (powellg - at - amazon.com) (See Boost list message of 10 Feb 2004 14:22:46 -0800) Gennadiy Rozental (rogeeff -at- mail.com) (Email to Andreas Huber, see change log) Gottfried Ganssauge (Gottfried.Ganssauge -at- HAUFE.DE) (See Boost List message of Mon, 16 Aug 2004 10:09:19+0200)Gottfried Ganauge (Gottfried.Ganssauge -at- HAUFE.DE) (Alternative spelling of Gottfried Ganssauge) Greg Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100) Gregory Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100) Gunter Winkler (gunter.winkler -at- unibw-muenchen.de) (See Boost List message of Mon, 16 Aug 2004 10:24:17 +0200)Hartmut Kaiser (hartmut.kaiser -at- gmail.com) Herve Bronnimann (hbr -at- poly.edu) Herv Brnnimann (hbr -at- poly.edu) Housemarque Oy (Ilari Kuittinen ilari.kuittinen -at- housemarque.fi) Howard Hinnant (hinnant -at- twcny.rr.com) (See Boost list message of July 25, 2004 3:44:49 PM EST) Hubert Holin (hubert holin -at- users.sourceforge.net) Indiana University () Itay Maman (imaman -at- users.sourceforge.net) Jaakko Jrvi (jajarvi -at- osl.iu.edu) Jaap Suter (j.suter -at- student.utwente.nl) (See Boost list message of Thu, 16 Sep 2004 09:32:43 -0700) Jeff Garland (jeff - at - crystalclearsoftware.com) (see Boost list post of July 25, 2004 19:31:09 -0700) Jens Maurer (Jens.Maurer@gmx.net) Jeremy G Siek (jsiek@osl.iu.edu) Jeremy Siek (jsiek@osl.iu.edu) Joel de Guzman (joel -at- boost-consulting.com) (See Boost list message of July 25, 2004 8:32:00 PM EST) John Bandela (jbandela-at-ufl.edu) John Maddock (john - at - johnmaddock.co.uk) John R Bandela (jbandela-at-ufl.edu) Jonathan Turkanis (turkanis -at- coderage dot com) Juergen Hunold (hunold -at- ive.uni-hannover.de) (See Boost List Message of Fri, 13 Aug 2004 19:39:55 +0200) Kevlin Henney (kevlin -at- curbralan.com) (See Boost list message of Wed, 15 Sep 2004 18:15:17 +0200) Kresimir Fresl (fresl -at- master.grad.hr) (See Boost List message of August 16, 2004 8:23:35 AM EST) Lars Gullik Bjnnes (larsbj -at-lyx.org) (See Boost list message of Tue, 17 Aug 2004 15:49:02 +0100) Lie-Quan Lee (liequan - at - slac.stanford.edu, llee - at - cs.indiana.edu) Maarten Keijzer (mkeijzer -at- cs.vu.nl) (See Boost list message of Wed, 18 Aug 2004 21:43:18 +0100) Mac Murrett (mmurrett -at- mac.com) Marc Wintermantel (wintermantel -at- imes.mavt.ethz.ch, wintermantel -at- even-ag.ch) (See CVS log)

Michael Glassford (glassfordm - at - hotmail.com) Michael Stevens (Michael.Stevens - at - epost.de) Multi Media Ltd. (pdimov@mmltd.net) Nicolai M Josuttis (solutions -at- josuttis.com) (See Boost list message of Mon, 30 Aug 2004 10:52:00 +0100) Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100) Paul Mensonides (pmenso57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST) Pavol Droba (droba -at- topmail.sk) Peter Dimov (pdimov@mmltd.net) R W Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov) Ralf W. Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov) Rational Discovery LLC (Greg Landrum Landrum -at- RationalDiscovery.com) (See Boost list post of Tue, 17 Aug 2004 10:35:36 +0100) Rene Rivera (grafik/redshift-software.com, rrivera/acm.org) Robert Ramey (ramey@www.rrsd.com) Roland Richter (roland -at- flll.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200) Roland Schwarz (roland.schwarz -at- chello.at) Ronald Garcia (garcia -at- cs.indiana.edu) (Email to Andreas Huber, see change log) Samuel Krempp (krempp -at- crans.ens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200) Stefan Seefeld (seefeld -at- sympatico.ca) Stephen Cleary (scleary -at- jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100) Steve Cleary (Variant of Stephen Cleary) Sylvain Pion (Sylvain.Pion - at - sophia.inria.fr) The Trustees of Indiana University () Thomas Witt (witt - at - ive.uni-hannover.de, witt - at - acm.org, witt - at - styleadvisor.com) Thorsten Jrgen Ottosen (nesotto - at - cs.auc.dk) Thorsten Ottosen (nesotto - at - cs.auc.dk) Toon Knapen (toon dot knapen - at - fft.be) Trustees of Indiana University () University of Notre Dame () Vladimir Prus (ghost@cs.msu.su) William E. Kempf () (email to Beman Dawes, 9/14/2006 4:18 PM) Joerg Walter (jhr.walter - at - t-online.de : email to ublas mailing list Mon, 17 Sep 2007 10:17:08 +0200) Mathias Koch (mkoch - at - idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200) --- end ----

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

<html xmlns="http://www.w3.org/1999/xhtml"> <head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<title>&lt;no title&gt; &#8212; Boost.HigherOrderFunctions 0.6 documentation</title>

```
k rel="stylesheet" href="_static/boostbook.css" type="text/css" />k rel="stylesheet" href="_static/pygments.css" type="text/css" />
```

```
<script type="text/javascript">
  var DOCUMENTATION OPTIONS = {
   URL ROOT: './',
   VERSION: '0.6',
   COLLAPSE INDEX: false,
   FILE_SUFFIX: '.html',
   HAS SOURCE: true,
   SOURCELINK_SUFFIX: '.txt'
  };
 </script>
 <script type="text/javascript" src="_static/jquery.js"></script>
 <script type="text/javascript" src="_static/underscore.js"></script>
 <script type="text/javascript" src="_static/doctools.js"></script>
 k rel="index" title="Index" href="genindex.html" />
 k rel="search" title="Search" href="search.html" />
</head>
<body role="document">
<img alt="Boost C++ Libraries" width="277" height="86"src="_static/boost.png">
```

```
<div class="spirit-nav">
```

```
<a accesskey="p" ><img src="_static/prev.png" alt="Prev"></a>
<a accesskey="u" href="doc/index.html"><img src="_static/up.png" alt="Up"></a>
<a accesskey="h" href="doc/index.html"><img src="_static/home.png" alt="Home"></a>
<a accesskey="n" ><img src="_static/next.png" alt="Next"></a>
</div>
```

<div class="document"> <div class="chapter"> <div class="body" role="main">

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```
</div>
\langle div \rangle
  <div class="clearer"></div>
 </div>
 <div class="footer" role="contentinfo">
 <div class="copyright-footer">
      © Copyright 2016, Paul Fultz II.
    Created using <a href="http://sphinx-doc.org/">Sphinx</a> 1.5.6.
    Distributed under the Boost Software License, Version 1.0.
    (See accompanying file <code class="filename">LICENSE_1_0.txt</code> or copy at
    <a href="http://www.boost.org/LICENSE_1_0.txt"
target="_top">http://www.boost.org/LICENSE_1_0.txt</a>)
    </div>
 </div>
</body>
</html>
<!--
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-->
<!-- boost-no-inspect -->
<!-- HTML header for doxygen 1.8.9.1-->
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/xhtml;charset=UTF-8"/>
<meta http-equiv="X-UA-Compatible" content="IE=9"/>
<meta name="generator" content="Doxygen 1.8.11"/>
<title>Boost.Hana: Boost.MPL adapters</title>
k href="tabs.css" rel="stylesheet" type="text/css"/>
<script type="text/javascript" src="jquery.js"></script>
<script type="text/javascript" src="dynsections.js"></script>
```

```
k href="navtree.css" rel="stylesheet" type="text/css"/>
<script type="text/javascript" src="resize.js"></script>
<script type="text/javascript" src="navtreedata.js"></script>
<script type="text/javascript" src="navtree.js"></script>
<script type="text/javascript">
$(document).ready(initResizable);
$(window).load(resizeHeight);
</script>
k href="search/search.css" rel="stylesheet" type="text/css"/>
<script type="text/javascript" src="search/searchdata.js"></script>
<script type="text/javascript" src="search/search.js"></script>
<script type="text/javascript">
$(document).ready(function() { init search(); });
</script>
<script type="text/x-mathjax-config">
MathJax.Hub.Config({
 extensions: ["tex2jax.js"],
 jax: ["input/TeX","output/HTML-CSS"],
});
// Copyright Louis Dionne 2013-2017
// Distributed under the Boost Software License, Version 1.0.
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MathJax.Hub.Config({
 "HTML-CSS": {
   linebreaks: {
      automatic: true,
      width: "75% container"
    }
  }
});
</script><script type="text/javascript" src="https://cdn.mathjax.org/mathjax/latest/MathJax.js"></script>
link href="doxygen.css" rel="stylesheet" type="text/css" />
<!-- Additional javascript for drawing charts. -->
<script type="text/javascript" src="highcharts.js"></script>
<script type="text/javascript" src="highcharts-data.js"></script>
<script type="text/javascript" src="highcharts-exporting.js"></script>
<script type="text/javascript" src="chart.js"></script>
<script type="text/javascript" src="hana.js"></script>
</head>
<body>
<div id="top"><!-- do not remove this div, it is closed by doxygen! -->
<div id="titlearea">
<img alt="Logo" src="Boost.png"/>
<div id="projectname">Boost.Hana
```

```
 <span id="projectnumber">1.5.0</span>
 </div>
 <div id="projectbrief">Your standard library for metaprogramming</div>
<div id="MSearchBox" class="MSearchBoxInactive">
    <span class="left">
     <img id="MSearchSelect" src="search/mag_sel.png"
       onmouseover="return searchBox.OnSearchSelectShow()"
       onmouseout="return searchBox.OnSearchSelectHide()"
       alt=""/>
     <input type="text" id="MSearchField" value="Search" accesskey="S"
       onfocus="searchBox.OnSearchFieldFocus(true)"
       onblur="searchBox.OnSearchFieldFocus(false)"
       onkeyup="searchBox.OnSearchFieldChange(event)"/>
     </span><span class="right">
      <a id="MSearchClose" href="javascript:searchBox.CloseResultsWindow()"><img id="MSearchCloseImg"
border="0" src="search/close.png" alt=""/></a>
     </span>
   </div>
</div>
<!-- end header part -->
<!-- Generated by Doxygen 1.8.11 -->
<script type="text/javascript">
var searchBox = new SearchBox("searchBox", "search", false, 'Search');
</script>
</div><!-- top -->
<div id="side-nav" class="ui-resizable side-nav-resizable">
<div id="nav-tree">
 <div id="nav-tree-contents">
  <div id="nav-sync" class="sync"></div>
 </div>
</div>
<div id="splitbar" style="-moz-user-select:none;"
   class="ui-resizable-handle">
</div>
</div>
<script type="text/javascript">
$(document).ready(function(){initNavTree('group_group-ext-mpl.html',");});
</script>
<div id="doc-content">
<!-- window showing the filter options -->
<div id="MSearchSelectWindow"
  onmouseover="return searchBox.OnSearchSelectShow()"
  onmouseout="return searchBox.OnSearchSelectHide()"
```

```
onkeydown="return searchBox.OnSearchSelectKey(event)">
</div>
```

```
<!-- iframe showing the search results (closed by default) -->
```

```
<div id="MSearchResultsWindow">
```

```
<iframe src="javascript:void(0)" frameborder="0"
```

name="MSearchResults" id="MSearchResults">

</iframe>

```
</div>
```

<div class="header">

<div class="summary">

<a href="#nested-classes">Classes</a> </div>

<div class="headertitle">

```
<div class="title">Boost.MPL adapters<div class="ingroups"><a class="el" href="group_group-</pre>
```

ext.html">External adapters</a></div> </div>

</div><!--header-->

<div class="contents">

<a name="details" id="details"></a><h2 class="groupheader">Description</h2>

```
Adapters for Boost.MPL containers.
```

<h2 class="groupheader"><a name="nested-classes"></a> Classes</h2>

```
struct  <a class="el"
```

href="structboost\_1\_1mpl\_1\_1integral\_\_c.html">boost::mpl::integral\_c< T, v &gt;</a>

Adapter for IntegralConstants

 $from \ the \ Boost.MPL. \ <\!a \ href="structboost_1_1mpl_1_1integral\_c.html#details">More...<\!/a><br/>br />$ 

```
struct  <a class="el"
```

href="structboost\_1\_1mpl\_1\_1list.html">boost::mpl::list< T &gt;</a>

Adapter for Boost.MPL lists.

 $<\!\!a href="structboost_1_1mpl_1_1list.html#details">More...<\!\!/a>\!<\!\!br /\!\!>\!\!<\!\!/td>\!\!<\!\!/tr>$ 

```
struct  <a class="el"
```

href="structboost\_1\_1mpl\_1\_1vector.html">boost::mpl::vector< T &gt;</a>

```
 Adapter for Boost.MPL
```

vectors. <a href="structboost\_1\_1mpl\_1\_1vector.html#details">More...</a><br />

</div><!-- contents -->

</div><!-- doc-content -->

<!--

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```
-->

<!-- boost-no-inspect -->

<!-- HTML footer for doxygen 1.8.9.1-->

<!-- start footer part -->

<div id="nav-path" class="navpath"><!-- id is needed for treeview function! -->

</div>

</div>

</body>

</html>

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-->
```

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\_\_\_\_\_

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<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"

"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">

<article id="copyright\_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 \$"

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

<title>Copyright Test</title>

<articleinfo>

<copyright>

<year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
</copyright>
<year>2018</year> <holder>Joe Blow, John Coe</holder>
</copyright>
<year>1977</year> <year>1985</year> <holder>Someone else</holder>
</copyright>
</articleinfo>
</article>
http\_parser.c is based on src/http/ngx\_http\_parse.c from NGINX copyright
Igor Sysoev.

Additional changes are licensed under the same terms as NGINX and copyright Joyent, Inc. and other Node contributors. All rights reserved.

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#include <boost/mpl/fold.hpp>
#include <boost/mpl/push\_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/vector.hpp>

template <typename State, typename X>
struct f { using type = X; };

struct state { };

template <int i>
struct t { };

using vector = <% = mpl\_vector((1..input\_size).to\_a.map { |n| "t<#{n}>" }) %>;

using result = boost::mpl::fold<vector, state, boost::mpl::quote2<f>>::type;

int main() { }
////
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See accompanying file LICENSE\_1\_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt ////

[#mpl] # MPL Support, <boost/mp11/mpl.hpp> :toc: :toc-title: :idprefix: The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp\_list` and `std::tuple` to be valid link:../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

```
Boost.Geometry (aka GGL, Generic Geometry Library)
```

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\_\_\_\_\_\_/

/\*

[/===

```
*
```

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\* \*/

#include "licence\_info.hpp"
#include "bcp\_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <cstdexcept>
#include <boost/lexical\_cast.hpp>
#include <boost/filesystem/operations.hpp>

#include <boost/throw\_exception.hpp>

//
// split\_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split\_path
{
 const fs::path& root;
 const fs::path& file;
 split\_path(const fs::path& r, const fs::path& f)
 : root(r), file(f){}
private:

```
split_path& operator=(const split_path&);
};
std::ostream& operator << (std::ostream& os, const split_path& p)
{
os << "<a href=\"" << (p.root / p.file).string() << "\">" << p.file.string() << "</a>";
return os;
}
std::string make_link_target(const std::string& s)
{
// convert an arbitrary string into something suitable
// for an <a> name:
 std::string result;
 for(unsigned i = 0; i < s.size(); ++i)
 {
  result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
 }
return result;
}
void bcp_implementation::output_license_info()
{
 std::pair<const license_info*, int> licenses = get_licenses();
 std::map<int, license_data>::const_iterator i, j;
i = m_license_data.begin();
j = m_license_data.end();
 std::ofstream os(m_dest_path.string().c_str());
 if(!os)
 {
   std::string msg("Error opening ");
   msg += m_dest_path.string();
   msg += " for output.";
   std::runtime_error e(msg);
   boost::throw_exception(e);
 }
 os <<
   "<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.0 Transitional//EN\">\n"
   "<html>\n"
   "<head>\n"
   "<title>Boost Licence Dependency Information";
 if(m_module_list.size() == 1)
 {
  os << " for " << *(m_module_list.begin());</pre>
 }
```

```
os <<
 "</title>\n"
 "</head>\n"
 "<body>\n"
 "<H1>Boost Licence Dependency Information";
if(m_module_list.size() == 1)
{
 os << " for " << *(m_module_list.begin());
}
os <<
 "</H1>\n"
 "<H2>Contents</h2>\n"
 "<a href=\"#input\">Input Information</a>\n";
if(!m_bsl_summary_mode)
 os << "<a href=\"#summary\">Licence Summary</a>\n";
os << "<a href=\"#details\">Licence Details</a>\n";
while(i != j)
{
 // title:
 os << " <A href=\"#" << make link target(licenses.first[i->first].license name)
   << "\">" << licenses.first[i->first].license_name << "</a>\n";
 ++i;
}
os << "<a href=\"#files\">Files with no recognised license</a>\n"
 "<a href=\"#authors\">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode)
{
 os <<
 "Moving to the Boost Software License...\n"
 " <a href=\"#bsl-converted\">Files that can be automatically converted to the Boost Software License</a>\n"
 " <a href=\"#to-bsl\">Files that can be manually converted to the Boost Software License</a>\n"
 " <a href=\"#not-to-bsl\">Files that can <b>NOT</b> be moved to the Boost Software License</a>\n"
 " <a href=\"#need-bsl-authors\">Authors we need to move to the Boost Software License</a>\n"
 "<a href=\"#copyright\">Copyright Holder Information</a>\n";
}
os <<
 "<a href=\"#depend\">File Dependency Information</a>\n"
 "";
//
// input Information:
//
os << "<a name=\"input\"></a><h2>Input Information</h2>\n";
if(m_scan_mode)
 os << "<P>The following files were scanned for boost dependencies:<BR>";
else
```

os << "<P>The following Boost modules were checked:<BR>";

```
std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
 {
  os << *si << "<BR>";
  ++si;
 }
os << "</p>The Boost path was: <code>" << m_boost_path.string() << "</code></P>";
//
// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):
//
fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex(
  "^[[:blank:]]*#[[:blank:]]*define[[:blank:]]+BOOST_VERSION[[:blank:]]+(\\d+)");
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
 {
  int version = boost::lexical_cast<int>(what.str(1));
  os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 1000 << "." << version % 100</p>
<< "</P>\n";
}
//
// output each license:
//
i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
 {
  //
  // start with the summary:
  //
  os << "<a name=\"summary\"></a><h2>Licence Summary</h2>\n";
  while(i != j)
  {
    // title:
    os <<
      "<H3>" << licenses.first[i->first].license_name << "</H3>\n";
    // license text:
    os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
    // Copyright holders:
    os << "<P>This license is used by " << i->second.authors.size()
      << " authors and " << i->second.files.size()
      << " files <a href=\"#" << make_link_target(licenses.first[i->first].license_name) << "\">(see details)</a>";
```

```
os << "</P></BLOCKQUOTE>\n";
    ++i;
  }
 }
 //
// and now the details:
//
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;
 os << "<a name=\"details\"></a><h2>Licence Details</h2>\n";
 while(i != j)
 {
  // title:
  os <<
    "<H3><A name=\"" << make_link_target(licenses.first[i->first].license_name)
    << "\"></a>" << licenses.first[i->first].license_name << "</H3>\n";
  // license text:
  os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
  if(!m_bsl_summary_mode || (license_index >= 3))
  {
    // Copyright holders:
    os << "<P>This license is used by the following " << i->second.authors.size() << " copyright
holders:</P>\n<BLOCKQUOTE><P>";
    std::set<std::string>::const_iterator x, y;
    x = i->second.authors.begin();
    y = i->second.authors.end();
    while(x = y)
    {
      os << *x << "<BR>\n";
      ++x;
    }
    os << "</P></BLOCKQUOTE>\n";
    // Files using this license:
    os << "<P>This license applies to the following " << i->second.files.size() << "
files:</P>\n<BLOCKQUOTE><P>";
    std::set<fs::path, path_less>::const_iterator m, n;
    m = i->second.files.begin();
    n = i->second.files.end();
    while (m != n)
    {
      os << split_path(m_boost_path, *m) << "<br>/n";
      ++m;
    }
    os << "</P></BLOCKQUOTE>\n";
  }
  else
  {
```

```
os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
    os << "<P>This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P>\n";
   }
   ++license_index;
   ++i;
 }
 //
 // Output list of files not found to be under license control:
 //
 os << "<h2><a name=\"files\"></a>Files With No Recognisable Licence</h2>\n"
   "<P>The following " << m_unknown_licenses.size() << " files had no recognisable license
information:</P><BLOCKQUOTE><P>\n";
 std::set<fs::path, path_less>::const_iterator i2, j2;
 i2 = m_unknown_licenses.begin();
 j2 = m_unknown_licenses.end();
 while(i2 != j2)
 {
  os << split path(m boost path, *i2) << "<br/>br>\n";
   ++i2:
 }
 os << "</p></BLOCKQUOTE>";
 //
 // Output list of files with no found copyright holder:
 //
 os << "<h2><a name=\"authors\"></a>Files With No Recognisable Copyright Holder</h2>\n"
   "<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright
holder:</P>\n<BLOCKQUOTE><P>";
 i2 = m_unknown_authors.begin();
 j2 = m_unknown_authors.end();
 while(i2 != j2)
 {
  os << split_path(m_boost_path, *i2) << "<br/>br>\n";
  ++i2;
 }
 os << "</p></BLOCKQUOTE>";
 if(!m_bsl_summary_mode)
 {
  //
  // Output list of files that have been moved over to the Boost
  // Software License, along with enough information for human
   // verification.
   //
   os << "<h2><a name=\"bsl-converted\"></a>Files that can be automatically converted to the Boost Software
License</h2>\n"
    << "<P>The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost
Software License, but require manual verification before they can be committed to CVS:</P>\n";
```

```
if (!m_converted_to_bsl.empty())
```

```
{
```

```
typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
      ::const_iterator conv_iterator;
    conv_iterator i = m_converted_to_bsl.begin(),
             ie = m_converted_to_bsl.end();
    int file_num = 1;
    while (i != ie)
    {
      os << "<P>[" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first)
        << "</tt><br>\n\n \n """
        << i->second.first << "</pre>\n "
        <<i->second.second <<"\n \n\n";
      ++i;
      ++file_num;
    }
  }
  //
  // Output list of files that could be moved over to the Boost Software License
  //
  os << "<h2><a name=\"to-bsl\"></a>Files that could be converted to the Boost Software License</h2>\n"
  "<P>The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost
Software License, but have not yet been:</P>\n<BLOCKQUOTE><P>";
  i2 = m_can_migrate_to_bsl.begin();
  j2 = m_can_migrate_to_bsl.end();
  while(i2 != j2)
  {
    os << split_path(m_boost_path, *i2) << "<br/>br>\n";
    ++i2;
  }
  os << "</p></BLOCKQUOTE>";
  //
  // Output list of files that can not be moved over to the Boost Software License
  //
  os << "<h2><a name=\"not-to-bsl\"></a>Files that can NOT be converted to the Boost Software
License</h2>\n"
  "<P>The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software
License because we need the permission of more authors:</P>\n<BLOCKQUOTE><P>";
  i2 = m_cannot_migrate_to_bsl.begin();
  j2 = m_cannot_migrate_to_bsl.end();
  while(i2 != j2)
  {
    os << split_path(m_boost_path, *i2) << "<br/>br>\n";
    ++i2;
  }
  os << "</p></BLOCKQUOTE>";
  //
  // Output list of authors that we need permission for to move to the BSL
  //
  os << "<h2><a name=\"need-bsl-authors\"></a>Authors we need for the BSL</h2>\n"
```

```
"<P>Permission of the following authors is needed before we can convert to the Boost Software License. The
list of authors that have given their permission is contained in <code>more/blanket-
permission.txt</code>.</P>\n<BLOCKQUOTE><P>";
   std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
        std::ostream_iterator<std::string>(os, "<br>\n"));
   os << "</p></BLOCKQUOTE>";
   //
   // output a table of copyright information:
   //
   os << "<H2><a name=\copyright ></a>Copyright Holder Information <math></H2>n";
   std::map<std::string, std::set<fs::path, path_less>>::const_iterator ad, ead;
   ad = m_author_data.begin();
   ead = m_author_data.end();
   while(ad != ead)
   {
    os << "<tr>""<<ad->first << "</td>
    std::set<fs::path, path_less>::const_iterator fi, efi;
    fi = ad->second.begin();
    efi = ad->second.end();
    while(fi != efi)
     {
      os << split_path(m_boost_path, *fi) << " ";
      ++fi;
     }
    os << "</td>\n";
    ++ad;
   }
   os << "</table>\n";
 }
 //
 // output file dependency information:
 //
 os << "<H2><a name=\"depend\"></a>File Dependency Information</H2><BLOCKQUOTE>\n";
 std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
 std::set<fs::path, path_less>::const_iterator fi, efi;
 fi = m_copy_paths.begin();
 efi = m_copy_paths.end();
 // if in summary mode, just figure out the "bad" files and print those only:
 std::set<fs::path, path_less> bad_paths;
 if(m_bsl_summary_mode)
 {
   bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
   bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
   bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
   bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
   typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
     ::const_iterator conv_iterator;
```

```
conv_iterator i = m_converted_to_bsl.begin(),
           ie = m_converted_to_bsl.end();
  while(i != ie)
  {
   bad_paths.insert(i->first);
   ++i;
  }
  fi = bad_paths.begin();
  efi = bad_paths.end();
  os << "<P>For brevity, only files not under the BSL are shown</P>\n";
}
while(fi != efi)
{
  os << split_path(m_boost_path, *fi);</pre>
  dep = m_dependencies.find(*fi);
  last_dep = m_dependencies.end();
  std::set<fs::path, path_less> seen_deps;
  if (dep != last dep)
   while(true)
    {
     os << " -> ";
     if(fs::exists(m_boost_path / dep->second))
      os << split_path(m_boost_path, dep->second);
     else if(fs::exists(dep->second))
      os << split_path(fs::path(), dep->second);
     else
      os << dep->second.string();
     if(seen_deps.find(dep->second) != seen_deps.end())
       {
        os << " <I>(Circular dependency!)</I>";
        break; // circular dependency!!!
       }
     seen_deps.insert(dep->second);
     last_dep = dep;
     dep = m_dependencies.find(dep->second);
     if((dep == m\_dependencies.end()) \parallel (0 == compare\_paths(dep->second, last\_dep->second)))
      break;
    }
  os << "\n";
  ++fi;
}
os << "</pre></BLOCKQUOTE>\n";
os << "</body></html>\n";
if(!os)
{
  std::string msg("Error writing to ");
```

```
msg += m_dest_path.string();
msg += ".";
std::runtime_error e(msg);
boost::throw_exception(e);
}
```

```
}
```

# 1.134 jquery 3.5.0

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## 1.135 python 2.7.18

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\_\_\_\_\_

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release                              | Deriv   | ed `   | Year     | Owner           | GPL-    |
|--------------------------------------|---------|--------|----------|-----------------|---------|
| from                                 |         |        |          | compatible? (1) |         |
|                                      |         |        |          |                 |         |
| 0.9.0 thru                           | 1.2     | 19     | 91-1995  | CWI             | yes     |
| 1.3 thru 1.                          | 5.2 1.2 | 1      | 995-1999 | O CNR           | I yes   |
| 1.6                                  | 1.5.2   | 2000   | ) CN     | RI              | no      |
| 2.0                                  | 1.6     | 2000   | BeC      | )pen.co         | m no    |
| 1.6.1                                | 1.6     | 200    | I CN     | RI              | yes (2) |
| 2.1                                  | 2.0+1.6 | .1 20  | 001 P    | SF              | no      |
| 2.0.1                                | 2.0+1.6 | 5.1 20 | 001 1    | PSF             | yes     |
| 2.1.1                                | 2.1+2.0 | ).1 20 | 001 1    | PSF             | yes     |
| 2.1.2                                | 2.1.1   | 200    | 2 PS     | F               | yes     |
| 2.1.3                                | 2.1.2   | 200    | 2 PS     | F               | yes     |
| 2.2 and above 2.1.1 2001-now PSF yes |         |        |          |                 |         |

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jar/net/minidev/json/JSONAwareEx.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONValue.java

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jar/net/minidev/json/parser/ParseException.java

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jar/net/minidev/json/parser/JSONParserString.java

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jar/net/minidev/json/writer/JsonReader.java

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jar/net/minidev/json/parser/JSONParserReader.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4jar/net/minidev/json/writer/BeansMapper.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-

jar/net/minidev/json/JSONStreamAware.java

\*/opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-

jar/net/minidev/json/parser/JSONParserBase.java

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jar/net/minidev/json/writer/DefaultMapperOrdered.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4jar/net/minidev/json/parser/JSONParserMemory.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/ArraysMapper.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/CollectionMapper.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/parser/JSONParser.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/CompessorMapper.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-

jar/net/minidev/json/writer/DefaultMapperCollection.java

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jar/net/minidev/json/writer/JsonReaderI.java
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jar/net/minidev/json/parser/JSONParserStream.java

\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONStyle.java

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jar/net/minidev/json/parser/JSONParserInputStream.java

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\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-

jar/net/minidev/json/parser/JSONParserByteArray.java

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\* /opt/cola/permits/1177952445\_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/DefaultMapper.java

## 1.146 d3 3.5.17

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# 1.149 python-dateutil 2.7.3-1.ph3

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|------------|-----------|--------|--------|-------|---------|---------|
|            | from      |        |        | con   | ıpatibl | le? (1) |
|            |           |        |        |       |         |         |
| 0.9.0 thru | 1.2       | 199    | 1-1995 | 5 CW  | Γ       | yes     |
| 1.3 thru 1 | .5.2 1.2  | 19     | 95-199 | 99 CI | ١RI     | yes     |
| 1.6        | 1.5.2     | 2000   | С      | NRI   | no      |         |
| 2.0        | 1.6       | 2000   | Be     | Open  | .com    | no      |
| 1.6.1      | 1.6       | 2001   | С      | NRI   | yes     | s (2)   |
| 2.1        | 2.0+1.6   | 1 200  | )1     | PSF   | no      | )       |
| 2.0.1      | 2.0+1.6   | 5.1 20 | 01     | PSF   | y       | es      |
| 2.1.1      | 2.1 + 2.0 | 0.1 20 | 01     | PSF   | y       | es      |
| 2.2        | 2.1.1     | 2001   | P      | SF    | yes     |         |
| 2.1.2      | 2.1.1     | 2002   | P      | SF    | yes     |         |
| 2.1.3      | 2.1.2     | 2002   | P      | SF    | yes     |         |
| 2.2.1      | 2.2       | 2002   | P      | SF    | yes     |         |
| 2.2.2      | 2.2.1     | 2002   | P      | SF    | yes     |         |
| 2.2.3      | 2.2.2     | 2003   | P      | SF    | yes     |         |
| 2.3        | 2.2.2     | 2002-  | -2003  | PSF   | y       | es      |
| 2.3.1      | 2.3       | 2002-  | -2003  | PSF   | y       | es      |
| 2.3.2      | 2.3.1     | 2002   | 2-2003 | PSF   | У       | ves     |
| 2.3.3      | 2.3.2     | 2002   | 2-2003 | PSF   | У       | ves     |
| 2.3.4      | 2.3.3     | 2004   | - P    | SF    | yes     |         |
| 2.3.5      | 2.3.4     | 2005   | P      | SF    | yes     |         |
| 2.4        | 2.3       | 2004   | PS     | F     | yes     |         |
| 2.4.1      | 2.4       | 2005   | P      | SF    | yes     |         |
| 2.4.2      | 2.4.1     | 2005   | P      | SF    | yes     |         |
| 2.4.3      | 2.4.2     | 2006   | , P    | SF    | yes     |         |
| 2.4.4      | 2.4.3     | 2006   | i P    | SF    | yes     |         |
|            |           |        |        |       |         |         |

| 2.5   | 2.4   | 2006 | PSF | yes |
|-------|-------|------|-----|-----|
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7   | 2.6   | 2010 | PSF | yes |

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release     | Derive    | ed Year | Own     | er GPL-      |
|-------------|-----------|---------|---------|--------------|
| from        |           |         | com     | patible? (1) |
|             |           |         |         |              |
| 0.9.0 thru  | 1.2       | 1991-1  | 995 CW  | I yes        |
| 1.3 thru 1. | .5.2 1.2  | 1995-   | 1999 CN | IRI yes      |
| 1.6         | 1.5.2     | 2000    | CNRI    | no           |
| 2.0         | 1.6       | 2000    | BeOpen. | com no       |
| 1.6.1       | 1.6       | 2001    | CNRI    | yes (2)      |
| 2.1         | 2.0+1.6.  | 1 2001  | PSF     | no           |
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| 2.2         | 2.1.1     | 2001    | PSF     | yes          |
| 2.1.2       | 2.1.1     | 2002    | PSF     | yes          |
| 2.1.3       | 2.1.2     | 2002    | PSF     | yes          |
| 2.2.1       | 2.2       | 2002    | PSF     | yes          |
|             |           |         |         |              |

| 2.2.2 | 2.2.1 | 2002          | PSF      | yes |  |
|-------|-------|---------------|----------|-----|--|
| 2.2.3 | 2.2.2 | 2003          | PSF      | yes |  |
| 2.3   | 2.2.2 | 2002-2003 PSF |          | yes |  |
| 2.3.1 | 2.3   | 2002-20       | 003 PSF  | yes |  |
| 2.3.2 | 2.3.1 | 2002-2        | 003 PSF  | yes |  |
| 2.3.3 | 2.3.2 | 2002-2003 PSF |          | yes |  |
| 2.3.4 | 2.3.3 | 2004          | 2004 PSF |     |  |
| 2.3.5 | 2.3.4 | 2005          | PSF      | yes |  |
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| 2.4.4 | 2.4.3 | 2006          | PSF      | yes |  |
| 2.5   | 2.4   | 2006          | PSF      | yes |  |
| 2.5.1 | 2.5   | 2007          | PSF      | yes |  |
| 2.5.2 | 2.5.1 | 2008          | PSF      | yes |  |
| 2.5.3 | 2.5.2 | 2008          | PSF      | yes |  |
| 2.6   | 2.5   | 2008          | PSF      | yes |  |
| 2.6.1 | 2.6   | 2008          | PSF      | yes |  |
| 2.6.2 | 2.6.1 | 2009          | PSF      | yes |  |
| 2.6.3 | 2.6.2 | 2009          | PSF      | yes |  |
| 2.6.4 | 2.6.3 | 2009          | PSF      | yes |  |
| 2.6.5 | 2.6.4 | 2010          | PSF      | yes |  |
| 3.0   | 2.6   | 2008          | PSF      | yes |  |
| 3.0.1 | 3.0   | 2009          | PSF      | yes |  |
| 3.1   | 3.0.1 | 2009          | PSF      | yes |  |
| 3.1.1 | 3.1   | 2009          | PSF      | yes |  |
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# 1.153 cherrypy 17.4.1

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## 1.154 urllib3 1.10.4

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# Contributions to the urllib3 project

## Creator & Maintainer

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## Contributors

In chronological order:

\* victor.vde <http://code.google.com/u/victor.vde/>

\* HTTPS patch (which inspired HTTPSConnectionPool)

\* erikcederstrand < http://code.google.com/u/erikcederstrand/>

- \* NTLM-authenticated HTTPSConnectionPool
- \* Basic-authenticated HTTPSConnectionPool (merged into make\_headers)
- \* niphlod <niphlod@gmail.com>
- \* Client-verified SSL certificates for HTTPSConnectionPool
- \* Response gzip and deflate encoding support
- \* Better unicode support for filepost using StringIO buffers

\* btoconnor <brian@btoconnor.net>

\* Non-multipart encoding for POST requests

\* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>

\* Code review, PEP8 compliance, benchmark fix

\* kennethreitz <me@kennethreitz.com>

\* Bugfixes, suggestions, Requests integration

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- \* Bugfixes, Improvements and Test coverage
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\* Design review, bugfixes, test coverage.

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\* Support for explicitly closing pooled connections

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- \* Corrected multipart behavior for params
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\* Support for TLS SNI

\* API unification of ssl\_version/cert\_reqs

- \* SSL fingerprint and alternative hostname verification
- \* Bugfixes in testsuite
- \* Sune Kirkeby <mig@ibofobi.dk>
- \* Optional SNI-support for Python 2 via PyOpenSSL.
- \* Marc Schlaich <marc.schlaich@gmail.com>
- \* Various bugfixes and test improvements.
- \* Bryce Boe <bbzbryce@gmail.com>
- \* Correct six.moves conflict
- \* Fixed pickle support of some exceptions
- \* Boris Figovsky <boris.figovsky@ravellosystems.com>
- \* Allowed to skip SSL hostname verification
- \* Cory Benfield < http://lukasa.co.uk/about/>
- \* Stream method for Response objects.
- \* Return native strings in header values.
- \* Generate 'Host' header when using proxies.
- \* Jason Robinson <jaywink@basshero.org>
- \* Add missing WrappedSocket.fileno method in PyOpenSSL
- \* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- \* Fixed a race condition
- \* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
- \* Added HTTPS (CONNECT) proxy support
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- \* Added abstraction for granular control of request fields
- \* Martin von Gagern <Martin.vGagern@gmx.net>
- \* Support for non-ASCII header parameters
- \* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- \* Support for separate connect and request timeouts
- \* Peter Waller <p@pwaller.net>
- \* HTTPResponse.tell() for determining amount received over the wire
- \* Nipunn Koorapati <nipunn1313@gmail.com>
- \* Ignore default ports when comparing hosts for equality
- \* Danilo @dbrgn <http://dbrgn.ch/>
- \* Disabled TLS compression by default on Python 3.2+
- \* Disabled TLS compression in pyopenssl contrib module

- \* Configurable cipher suites in pyopenssl contrib module
- \* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- \* Account retries on proxy errors
- \* Nicolas Delaby <nicolas.delaby@ezeep.com>
- \* Use the platform-specific CA certificate locations
- \* Josh Schneier < https://github.com/jschneier>
- \* HTTPHeaderDict and associated tests and docs
- \* Bugfixes, docs, test coverage
- \* Tahia Khan <http://tahia.tk/>
- \* Added Timeout examples in docs

\* Arthur Grunseid < http://grunseid.com>

- \* source\_address support and tests (with https://github.com/bui)
- \* Ian Cordasco <graffatcolmingov@gmail.com>
- \* PEP8 Compliance and Linting
- \* Add ability to pass socket options to an HTTP Connection

\* Erik Tollerud <erik.tollerud@gmail.com>

- \* Support for standard library io module.
- \* Krishna Prasad <kprasad.iitd@gmail.com>
- \* Google App Engine documentation

\* Aaron Meurer <asmeurer@gmail.com>

- \* Added Url.url, which unparses a Url
- \* Evgeny Kapun <abacabadabacaba@gmail.com>
- \* Bugfixes
- \* Benjamen Meyer <bm\_witness@yahoo.com>
- \* Security Warning Documentation update for proper capture

\* Shivan Sornarajah <github@sornars.com>

- \* Support for using ConnectionPool and PoolManager as context managers.
- \* Alex Gaynor <alex.gaynor@gmail.com>
- \* Updates to the default SSL configuration
- \* Tomas Tomecek <ttomecek@redhat.com>
- \* Implemented generator for getting chunks from chunked responses.
- \* tlynn <https://github.com/tlynn>
- \* Respect the warning preferences at import.

\* [Your name or handle] <[email or website]>

\* [Brief summary of your changes]

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## 1.156 jetty-security 9.4.18.v20190429

# 1.157 v8 6.2.414.78

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release                               | Deriv   | ed Yea   | r Ow    | ner             | GPL- |
|---------------------------------------|---------|----------|---------|-----------------|------|
| i                                     | from    |          | con     | compatible? (1) |      |
|                                       |         |          |         |                 |      |
| 0.9.0 thru                            | 1.2     | 1991-1   | 1995 CW | /Ι              | yes  |
| 1.3 thru 1.5.2 1.2 1995-1999 CNRI yes |         |          |         |                 | yes  |
| 1.6                                   | 1.5.2   | 2000     | CNRI    | no              |      |
| 2.0                                   | 1.6     | 2000     | BeOpen  | .com n          | 0    |
| 1.6.1                                 | 1.6     | 2001     | CNRI    | yes             | (2)  |
| 2.1                                   | 2.0+1.6 | .1 2001  | PSF     | no              |      |
| 2.0.1                                 | 2.0+1.6 | 5.1 2001 | PSF     | ye              | s    |
| 2.1.1                                 | 2.1+2.0 | 0.1 2001 | PSF     | ye              | s    |
| 2.1.2                                 | 2.1.1   | 2002     | PSF     | yes             |      |
| 2.1.3                                 | 2.1.2   | 2002     | PSF     | yes             |      |
| 2.2 and above 2.1.1 2001-now PSF yes  |         |          |         |                 |      |

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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## 1.166 httpcomponents-client 4.5.13

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\*/

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

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

```
import org.antlr.v4.misc.Utils;
import org.antlr.v4.codegen.model.*;
import org.antlr.v4.codegen.model.decl.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.util.Collections;
import java.util.Map;
import java.util.HashMap;
}
@members {
public OutputModelController controller;
 public boolean hasLookaheadBlock;
 public SourceGenTriggers(TreeNodeStream input, OutputModelController controller) {
  this(input);
  this.controller = controller;
  }
}
dummy : block[null, null] ;
block[GrammarAST label, GrammarAST ebnfRoot] returns [List<? extends SrcOp> omos]
 : ^( blk=BLOCK (^(OPTIONS .+))?
  {List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();}
   ( alternative {alts.add($alternative.altCodeBlock); } )+
  )
  {
  if ( alts.size()==1 && ebnfRoot==null) return alts;
  if ( ebnfRoot==null ) {
    $omos = DefaultOutputModelFactory.list(controller.getChoiceBlock((BlockAST)$blk, alts, $label));
  }
  else {
      Choice choice = controller.getEBNFBlock($ebnfRoot, alts);
      hasLookaheadBlock |= choice instanceof PlusBlock || choice instanceof StarBlock;
    $omos = DefaultOutputModelFactory.list(choice);
  }
  }
 ;
alternative returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]
@init {
 boolean outerMost = inContext("RULE BLOCK");
}
@after {
 controller.finishAlternative($altCodeBlock, $ops, outerMost);
}
 : a=alt[outerMost] {$altCodeBlock=$a.altCodeBlock; $ops=$a.ops;}
:
```

```
alt[boolean outerMost] returns [CodeBlockForAlt altCodeBlock, List<SrcOp> ops]
@init {
// set alt if outer ALT only (the only ones with alt field set to Alternative object)
AltAST altAST = (AltAST)retval.start;
if ( outerMost ) controller.setCurrentOuterMostAlt(altAST.alt);
}
: {
 List<SrcOp> elems = new ArrayList<SrcOp>();
 // TODO: shouldn't we pass $start to controller.alternative()?
 $altCodeBlock = controller.alternative(controller.getCurrentOuterMostAlt(), outerMost);
 $altCodeBlock.ops = $ops = elems;
 controller.setCurrentBlock($altCodeBlock);
 }
 ^( ALT elementOptions? ( element {if ($element.omos!=null) elems.addAll($element.omos); } )+ )
| ^(ALT elementOptions? EPSILON)
    {$altCodeBlock = controller.epsilon(controller.getCurrentOuterMostAlt(), outerMost);}
 ;
element returns [List<? extends SrcOp> omos]
: labeledElement {$omos = $labeledElement.omos;}
| atom[null,false] {$omos = $atom.omos;}
subrule
            {$omos = $subrule.omos;}
| ACTION
               {$omos = controller.action((ActionAST)$ACTION);}
                 {$omos = controller.sempred((ActionAST)$SEMPRED);}
SEMPRED
| ^(ACTION elementOptions) {$omos = controller.action((ActionAST)$ACTION);}
^(SEMPRED elementOptions) {$omos = controller.sempred((ActionAST)$SEMPRED);}
:
labeledElement returns [List<? extends SrcOp> omos]
: ^(ASSIGN ID atom[$ID,false]) {$omos = $atom.omos;}
| ^(PLUS_ASSIGN ID atom[$ID,false]) {$omos = $atom.omos;}
| ^(ASSIGN ID block[$ID,null] ) {$omos = $block.omos;}
| ^(PLUS_ASSIGN ID block[$ID,null]) {$omos = $block.omos;}
subrule returns [List<? extends SrcOp> omos]
: ^(OPTIONAL b=block[null,$OPTIONAL])
 {
 $omos = $block.omos;
 }
| ( ^(op=CLOSURE b=block[null,null])
 | ^(op=POSITIVE_CLOSURE b=block[null,null])
 )
 {
 List<CodeBlockForAlt> alts = new ArrayList<CodeBlockForAlt>();
 SrcOp blk = $b.omos.get(0);
```

```
CodeBlockForAlt alt = new CodeBlockForAlt(controller.delegate);
 alt.addOp(blk);
 alts.add(alt);
 SrcOp loop = controller.getEBNFBlock($op, alts); // "star it"
    hasLookaheadBlock |= loop instanceof PlusBlock || loop instanceof StarBlock;
    $omos = DefaultOutputModelFactory.list(loop);
 }
| block[null, null] {$omos = $block.omos;}
 ;
blockSet[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
 : ^(SET atom[label,invert]+) {$omos = controller.set($SET, $label, invert);}
 ;
/*
setElement
: STRING_LITERAL
| TOKEN REF
| ^(RANGE STRING_LITERAL STRING_LITERAL)
;
*/
// TODO: combine ROOT/BANG into one then just make new op ref'ing return value of atom/terminal...
// TODO: same for NOT
atom[GrammarAST label, boolean invert] returns [List<SrcOp> omos]
: ^(NOT a=atom[$label, true]) {$omos = $a.omos;}
| range[label]
                {$omos = $range.omos;}
| ^(DOT ID terminal[$label])
| ^(DOT ID ruleref[$label])
 (WILDCARD .)
                      {$omos = controller.wildcard($WILDCARD, $label);}
 WILDCARD
                   {$omos = controller.wildcard($WILDCARD, $label);}
 terminal[label] {$omos = $terminal.omos;}
 | ruleref[label] {$omos = $ruleref.omos;}
| blockSet[$label, invert] {$omos = $blockSet.omos;}
;
ruleref[GrammarAST label] returns [List<SrcOp> omos]
 : ^(RULE_REF ARG_ACTION? elementOptions?) {$omos = controller.ruleRef($RULE_REF, $label,
$ARG_ACTION);}
 ;
range[GrammarAST label] returns [List<SrcOp> omos]
 : ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
 ;
terminal[GrammarAST label] returns [List<SrcOp> omos]
 : ^(STRING_LITERAL.) {$omos = controller.stringRef($STRING_LITERAL, $label);}
 | STRING_LITERAL {$omos = controller.stringRef($STRING_LITERAL, $label);}
```

```
| ^(TOKEN_REF ARG_ACTION .) {$omos = controller.tokenRef($TOKEN_REF, $label, $ARG_ACTION);}
| ^(TOKEN_REF .) {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
| TOKEN_REF {$omos = controller.tokenRef($TOKEN_REF, $label, null);}
;
elementOptions
```

```
: ^(ELEMENT_OPTIONS elementOption+);
```

elementOption

```
: ID

| ^(ASSIGN ID ID)

| ^(ASSIGN ID STRING_LITERAL)

| ^(ASSIGN ID ACTION)

| ^(ASSIGN ID INT)

;
```

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\*/

```
lexer grammar ActionSplitter;
options { filter=true; }
@header {
package org.antlr.v4.parse;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
}
@members {
ActionSplitterListener delegate;
public ActionSplitter(CharStream input, ActionSplitterListener delegate) {
  this(input, new RecognizerSharedState());
  this.delegate = delegate;
}
/** force filtering (and return tokens). triggers all above actions. */
public List<Token> getActionTokens() {
  List<Token> chunks = new ArrayList<Token>();
  Token t = nextToken();
 while ( t.getType()!=Token.EOF ) {
    chunks.add(t);
    t = nextToken();
  }
  return chunks;
}
private boolean isIDStartChar(int c) {
return c == '_' || Character.isLetter(c);
}
}
// ignore comments right away
COMMENT
  : '/*' ( options {greedy=false;} : . )* '*/' {delegate.text($text);}
  ;
LINE_COMMENT
  : '//' ~('\n'|'\r')* '\r'? '\n' {delegate.text($text);}
  ;
```

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

```
NONLOCAL_ATTR
```

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

```
QUALIFIED_ATTR
```

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

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

```
;
```

#### ATTR

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

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

```
fragment
```

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

```
;
```

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

fragment

#### WS: (' '|' t'|' n'|' r')+

;

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\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sourcesjar/org/antlr/v4/analysis/LeftRecursionDetector.java

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

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-

jar/org/antlr/v4/codegen/model/chunk/TokenPropertyRef\_index.java

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

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

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

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

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

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sourcesjar/org/antlr/v4/codegen/model/LL1OptionalBlockSingleAlt.java

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

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

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

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

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

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

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

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

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

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sourcesjar/org/antlr/v4/parse/v3TreeGrammarException.java

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

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

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

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sourcesjar/org/antlr/v4/codegen/CodeGeneratorExtension.java

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-

jar/org/antlr/v4/codegen/model/decl/ContextRuleListGetterDecl.java

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

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

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

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

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

\* /opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sources-jar/org/antlr/v4/codegen/target/Python3Target.java

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\*/

```
tree grammar BlockSetTransformer;
options {
  language = Java;
  tokenVocab = ANTLRParser;
  ASTLabelType = GrammarAST;
  output = AST;
  filter = true;
}
```

@header {
package org.antlr.v4.parse;
import org.antlr.v4.misc.Utils;

```
import org.antlr.v4.misc.*;
import org.antlr.v4.tool.*;
import org.antlr.v4.tool.ast.*;
import java.util.List;
import java.util.Set;
import java.util.HashSet;
import java.util.ArrayList;
import org.antlr.v4.runtime.misc.IntervalSet;
}
```

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

```
topdown
```

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

```
setAlt
: {inContext("RULE BLOCK")}?
ALT {currentAlt = $start;}
;
// (BLOCK (ALT (+ (BLOCK (ALT INT) (ALT ID)))))
ebnfBlockSet
@after {
CrammarTransformBingling catGrammarDtr(g_ $trag);
```

```
GrammarTransformPipeline.setGrammarPtr(g, $tree);
}
: ^(ebnfSuffix blockSet) -> ^(ebnfSuffix ^(BLOCK<BlockAST> ^(ALT<AltAST> blockSet)))
;
```

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

blockSet

@init {

```
boolean inLexer = Grammar.isTokenName(currentRuleName);
```

}

@after {

GrammarTransformPipeline.setGrammarPtr(g, \$tree);

}

```
: \{inContext("RULE")\}? // top-level: rule block and > 1 alt
```

```
^(BLOCK ^(alt=ALT elementOptions? {((AltAST)$alt).altLabel==null}? setElement[inLexer]) ( ^(ALT elementOptions? setElement[inLexer]) )+)
```

```
-> ^(BLOCK<BlockAST>[$BLOCK.token] ^(ALT<AltAST>[$BLOCK.token,"ALT"] ^(SET[$BLOCK.token, "SET"] setElement+)))
```

```
| {!inContext("RULE")}? // if not rule block and > 1 alt
```

```
^(BLOCK ^(ALT elementOptions? setElement[inLexer]) ( ^(ALT elementOptions? setElement[inLexer]) )+) -> ^(SET[$BLOCK.token, "SET"] setElement+)
```

;

setElement[boolean inLexer]

@after {

GrammarTransformPipeline.setGrammarPtr(g, \$tree);

}

```
: ( ^(a=STRING_LITERAL elementOptions) { !inLexer ||
```

CharSupport.getCharValueFromGrammarCharLiteral(\$a.getText())!=-1}?

```
| a=STRING_LITERAL {!inLexer || CharSupport.getCharValueFromGrammarCharLiteral($a.getText())!=-1}?
```

```
| {!inLexer}?=> ^(TOKEN_REF elementOptions)
```

```
| {!inLexer}?=> TOKEN_REF
```

```
| {inLexer}?=> ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
```

```
\label{eq:charSupport.getCharValueFromGrammarCharLiteral(\a.getText())!=-1 \&\&
```

```
CharSupport.getCharValueFromGrammarCharLiteral($b.getText())!=-1}?
```

```
)
;
```

```
. .
```

elementOptions

```
: ^(ELEMENT_OPTIONS elementOption*)
```

;

```
elementOption
```

```
: ID

| ^(ASSIGN id=ID v=ID)

| ^(ASSIGN ID v=STRING_LITERAL)

| ^(ASSIGN ID v=ACTION)

| ^(ASSIGN ID v=INT)

;
```

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\*/

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

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

```
}
```

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

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

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

public void setAltAssoc(AltAST altTree, int alt) {}

```
public void binaryAlt(AltAST altTree, int alt) {}
public void prefixAlt(AltAST altTree, int alt) { }
public void suffixAlt(AltAST altTree, int alt) {}
public void otherAlt(AltAST altTree, int alt) { }
public void setReturnValues(GrammarAST t) { }
}
@rulecatch { }
// TODO: can get parser errors for not matching pattern; make them go away
public
rec_rule returns [boolean isLeftRec]
@init
{
currentOuterAltNumber = 1;
}
: ^( r=RULE id=RULE_REF {ruleName=$id.getText();}
 ruleModifier?
// (ARG_ACTION)? shouldn't allow args, right?
 (^(RETURNS a=ARG_ACTION {setReturnValues($a);}))?
//
     (^(THROWS .+))? don't allow
    ( ^(LOCALS ARG_ACTION) )? // TODO: copy these to gen'd code
   (^(OPTIONS .*)
   | ^(AT ID ACTION) // TODO: copy
   )*
 ruleBlock {$isLeftRec = $ruleBlock.isLeftRec;}
 exceptionGroup
 )
;
exceptionGroup
 : exceptionHandler* finallyClause?
 ;
exceptionHandler
: ^(CATCH ARG_ACTION ACTION)
;
finallyClause
: ^(FINALLY ACTION)
;
ruleModifier
 : PUBLIC
 | PRIVATE
 | PROTECTED
 ;
```

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

/\*\* An alt is either prefix, suffix, binary, or ternary operation or "other" \*/ outerAlternative returns [boolean isLeftRec]

| : | (binary)=>  | binary   |
|---|-------------|--|
|   |             | {binaryAlt((AltAST)\$start, currentOuterAltNumber); \$isLeftRec=true;} |
|   | (prefix)=>  | prefix   |
|   |             | {prefixAlt((AltAST)\$start, currentOuterAltNumber);}                   |
|   | (suffix)=>  | suffix   |
|   |             | {suffixAlt((AltAST)\$start, currentOuterAltNumber); \$isLeftRec=true;} |
|   | nonLeftRecu | r {otherAlt((AltAST)\$start, currentOuterAltNumber);}                  |
|   |             |  |

;

## binary

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

# ;

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

# suffix

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

# nonLeftRecur

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

```
recurse
```

```
: ^(ASSIGN ID recurseNoLabel)
| ^(PLUS_ASSIGN ID recurseNoLabel)
| recurseNoLabel
```

```
;
```

```
recurseNoLabel: \{((CommonTree)input.LT(1)).getText().equals(ruleName)\}? RULE\_REF;
```

```
token returns [GrammarAST t=null]
: ^(ASSIGN ID s=token {$t = $s.t;})
| ^(PLUS_ASSIGN ID s=token {$t = $s.t;})
| b=STRING_LITERAL
                          \{$t = $b;\}
 |^{(b=STRING_LITERAL elementOptions)}  {$t = $b;}
 |^{(c=TOKEN_REF elementOptions)}  {$t = $c;}
| c=TOKEN_REF
                     \{\$t = \$c;\}
;
elementOptions
 : ^(ELEMENT_OPTIONS elementOption*)
 ;
elementOption
 : ID
 | ^(ASSIGN ID ID)
 | ^(ASSIGN ID STRING_LITERAL)
 | ^(ASSIGN ID ACTION)
 | ^(ASSIGN ID INT)
 ;
element
: atom
| ^(NOT element)
| ^(RANGE atom atom)
| ^(ASSIGN ID element)
| ^(PLUS_ASSIGN ID element)
 | ^(SET setElement+)
 | RULE_REF
| ebnf
| epsilonElement
;
epsilonElement
: ACTION
| SEMPRED
| EPSILON
| ^(ACTION elementOptions)
| ^(SEMPRED elementOptions)
;
setElement
: ^(STRING_LITERAL elementOptions)
```

```
| STRING_LITERAL
| TOKEN_REF
;
ebnf: block
| ^( OPTIONAL block )
| ^( CLOSURE block )
| ^( POSITIVE_CLOSURE block )
;
block
: ^(BLOCK ACTION? alternative+)
```

;

alternative : ^(ALT elementOptions? element+)

;

atom

: ^(RULE\_REF ARG\_ACTION? elementOptions?)
| ^(STRING\_LITERAL elementOptions)
| STRING\_LITERAL
| ^(TOKEN\_REF elementOptions)
| TOKEN\_REF
| ^(WILDCARD elementOptions)
| WILDCARD
| ^(DOT ID element)
;

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```
*/
```

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

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

/\*

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

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

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

```
ruleBlock[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
@init {
  List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();
  int alt = 1;
```

```
factory.setCurrentOuterAlt(alt);
}
 : ^(BLOCK
      (^(OPTIONS .*))?
      ( a=alternative
        {alts.add($a.p); factory.setCurrentOuterAlt(++alt); }
      )+
   )
  {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
 •
block[GrammarAST ebnfRoot] returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> alts = new ArrayList<ATNFactory.Handle>();}
 : ^(BLOCK (^(OPTIONS .*))? (a=alternative {alts.add($a.p);})+)
  {$p = factory.block((BlockAST)$BLOCK, ebnfRoot, alts);}
 ;
alternative returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> els = new ArrayList<ATNFactory.Handle>();}
 : ^(LEXER_ALT_ACTION a=alternative lexerCommands)
    {$p = factory.lexerAltCommands($a.p,$lexerCommands.p);}
 | ^(ALT elementOptions? EPSILON)
                                      {$p = factory.epsilon($EPSILON);}
 (ALT elementOptions? (e=element {els.add($e.p);})+) {$p = factory.alt(els);}
 :
lexerCommands returns [ATNFactory.Handle p]
@init {List<ATNFactory.Handle> cmds = new ArrayList<ATNFactory.Handle>();}
 : (c=lexerCommand {if ($c.cmd != null) cmds.add($c.cmd);})+
    {
   $p = factory.alt(cmds);
    }
 ;
lexerCommand returns [ATNFactory.Handle cmd]
: ^(LEXER_ACTION_CALL ID lexerCommandExpr)
    {$cmd = factory.lexerCallCommand($ID, $lexerCommandExpr.start);}
| ID
    {$cmd = factory.lexerCommand($ID);}
;
```

```
lexerCommandExpr
```

```
: ID
```

| INT ;

```
element returns [ATNFactory.Handle p]
: labeledElement {$p = $labeledElement.p;}
| atom {$p = $atom.p;}
```

```
subrule
         \{ p = subrule.p;\}
| ACTION {$p = factory.action((ActionAST)$ACTION);}
| SEMPRED {$p = factory.sempred((PredAST)$SEMPRED);}
| ^(ACTION .) {$p = factory.action((ActionAST)$ACTION);}
^(SEMPRED .) {$p = factory.sempred((PredAST)$SEMPRED);}
 |^(NOT b=blockSet[true]) {$p = $b.p;}
 |LEXER_CHAR_SET {$p = factory.charSetLiteral($start);}
;
astOperand returns [ATNFactory.Handle p]
: atom
        \{$p = $atom.p;\}
| ^(NOT blockSet[true]) {$p = $blockSet.p;}
;
labeledElement returns [ATNFactory.Handle p]
: ^(ASSIGN ID element) {$p = factory.label($element.p);}
| ^(PLUS_ASSIGN ID element) {$p = factory.listLabel($element.p);}
subrule returns [ATNFactory.Handle p]
: ^(OPTIONAL block[$start]) {$p = $block.p;}
| ^(CLOSURE block[$start]) {$p = $block.p;}
| ^(POSITIVE_CLOSURE block[$start]) {$p = $block.p;}
| block[null]
              \{$p = $block.p;\}
 ;
blockSet[boolean invert] returns [ATNFactory.Handle p]
@init {List<GrammarAST> alts = new ArrayList<GrammarAST>();}
: ^(SET (setElement {alts.add($setElement.start);})+) {$p = factory.set($start, alts, $invert);}
/** Don't combine with atom otherwise it will build spurious ATN nodes */
setElement
: ^(STRING_LITERAL .)
| ^(TOKEN_REF .)
| STRING_LITERAL
| TOKEN_REF
| ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
```

```
LEXER_CHAR_SET
```

```
;
```

```
atom returns [ATNFactory.Handle p]

: range {$p = $range.p;}

| ^(DOT ID terminal) {$p = $terminal.p;}

| ^(DOT ID ruleref) {$p = $ruleref.p;}

| ^(WILDCARD .) {$p = factory.wildcard($start);}

| WILDCARD {$p = factory.wildcard($start);}

| blockSet[false] {$p = $blockSet.p;}
```

```
| terminal {$p = $terminal.p;}
 | ruleref \{\$p = \$ruleref.p;\}
ruleref returns [ATNFactory.Handle p]
 : ^(RULE_REF ARG_ACTION? ^(ELEMENT_OPTIONS .*)) {$p = factory.ruleRef($RULE_REF);}
 | ^(RULE REF ARG ACTION?)
                                    {$p = factory.ruleRef($RULE REF);}
                   {$p = factory.ruleRef($RULE_REF);}
 | RULE REF
 ;
range returns [ATNFactory.Handle p]
 : ^(RANGE a=STRING_LITERAL b=STRING_LITERAL) {$p = factory.range($a,$b);}
 ;
terminal returns [ATNFactory.Handle p]
 : ^(STRING_LITERAL .) {$p = factory.stringLiteral((TerminalAST)$start);}
 | STRING_LITERAL {$p = factory.stringLiteral((TerminalAST)$start);}
 | ^(TOKEN_REF ARG_ACTION .) {$p = factory.tokenRef((TerminalAST)$start);}
 | ^(TOKEN_REF.) {$p = factory.tokenRef((TerminalAST)$start);}
 | TOKEN_REF {$p = factory.tokenRef((TerminalAST)$start);}
 ;
elementOptions
: ^(ELEMENT_OPTIONS elementOption*)
;
elementOption
: ID
| ^(ASSIGN ID ID)
| ^(ASSIGN ID STRING_LITERAL)
| ^(ASSIGN ID ACTION)
| ^(ASSIGN ID INT)
;
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1014221960_1591897522.14/0/antlr4-4-7-1-sources-
jar/org/antlr/v4/parse/ATNBuilder.g
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```

```
*
```

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\*/

// File : A3Lexer.g

// Author : Jim Idle (jimi@temporal-wave.com)

// Copyright : Free BSD - See @header clause below

// Version : First implemented as part of ANTLR 3.2 this is the self

// hosting ANTLR 3 Lexer.

//

// Description

// -----

// This is the definitive lexer grammar for parsing ANTLR V3.x.x grammars. All other

 $\prime\prime$  gramnmars are derived from this grammar via source code control integration (perforce)

 $\ensuremath{\textit{//}}\xspace$  or by the gdiff tool.

//

// This grammar and its associated grmmmars A3Parser.g and A3Walker.g exhibit the following
// traits, which are recommended for all production quality grammars:

//

// 1) They are separate grammars, not composite grammars;

// 2) They implement all supporting methods in a superclass (at least this is recommended

// for language targets that support inheritence;

// 3) All errors are pushed as far down the parsing chain as possible, which means

// that the lexer tries to defer error reporting to the parser, and the parser

// tries to defer error reporting to a semantic phase consisting of a single

// walk of the AST. The reason for this is that the error messages produced

// from later phases of the parse will generally have better context and so

// be more useful to the end user. Consider the message: "Syntax error at 'options'"

// vs: "You cannot specify two options{} sections in a single grammar file".

// 4) The lexer is 'programmed' to catch common mistakes such as unterminated literals

// and report them specifically and not just issue confusing lexer mismatch errors.

//

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

\* any actions, just build the tree.

\*

```
* The phases are:
```

- \*
- \* A3Lexer.g (this file)
- \* A3Parser.g
- \* A3Verify.g (derived from A3Walker.g)
- \* assign.types.g
- \* define.g
- \* buildnfa.g
- \* antlr.print.g (optional)
- \* codegen.g
- \*

```
* Terence Parr
```

- \* University of San Francisco
- \* 2005
- \* Jim Idle (this v3 grammar)
- \* Temporal Wave LLC
- \* 2009

// \_\_\_\_

\*/

lexer grammar ANTLRLexer;

// Note that while this grammar does not care about order of constructs
// that don't really matter, such as options before @header etc, it must first
// be parsed by the original v2 parser, before it replaces it. That parser does
// care about order of structures. Hence we are constrained by the v2 parser
// for at least the first bootstrap release that causes this parser to replace
// the v2 version

// the v2 version. // =========

// -----

```
// Options
```

//

 $\prime\prime$  V3 option directives to tell the tool what we are asking of it for this  $\prime\prime$  grammar.

//

```
options {
```

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

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

```
//
//superclass = AbstractA3Lexer;
}
```

tokens { SEMPRED; TOKEN\_REF; RULE\_REF; LEXER\_CHAR\_SET; ARG\_ACTION; }

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

@members {
 public static final int COMMENTS\_CHANNEL = 2;

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

```
/** scan backwards from current point in this.tokens list
 * looking for the start of the rule or subrule.
 * Return token or null if for some reason we can't find the start.
 */
public Token getRuleOrSubruleStartToken() {
   if (tokens==null) return null;
 int i = tokens.index();
    int n = tokens.size();
    if ( i \ge n ) i = n-1; // seems index == n as we lex
 while ( i>=0 && i<n) {
  int ttype = tokens.get(i).getType();
  if ( ttype == LPAREN || ttype == TOKEN_REF || ttype == RULE_REF ) {
  return tokens.get(i);
  }
  i--;
 }
 return null;
}
}
// -----
// Comments
//
// ANTLR comments can be multi or single line and we don't care
// which particularly. However we also accept Javadoc style comments
// of the form: /** ... */ and we do take care to distinguish those
// from ordinary multi-line comments
// Note how we guide the lexical PATH because we want to issue a decriptive
// error message in case of a standalone '/' character, which makes no
// sense in ANTLR source code. We alo trap unterminated multi-line comments
//
fragment DOC_COMMENT : ;
COMMENT
@init {
// Record the start line and offsets as if we need to report an
// unterminated comment, then we want to show the start of the comment
// we think is broken, not the end, where people will have to try and work
// it out themselves.
//
int startLine = $line;
int offset = getCharPositionInLine();
}
  : // Eat the first character only, then see if we have a comment
  // or something silly.
   //
```

#### '/' // Comment introducer

(

```
// Single line comment, possibly with embedded src/line directives
// in a similar style to the C pre-processor, allowing generated
// code to refer the programmer back to the original source code
// in case of error.
//
'/'
 (
    (' $ANTLR')=> ' $ANTLR' SRC
  |~(NLCHARS)*
 )
// Multi-line comment, which may be a documentation comment
// if it starts /** (note that we protect against accidentaly
// recognizing a comment /**/ as a documentation comment
//
'*' (
    { input.LA(2) != '/'}?=> '*' { $type = DOC_COMMENT; }
  { true }?=> // Required to cover all alts with predicates
   )
   // Should we support embedded multiline comments here?
   //
   (
     // Pick out end of multiline comment and exit the loop
     // if we find it.
     //
         !(input.LA(1) == '*' && input.LA(2) == '/') }?
      {
       // Anything else other than the non-greedy match of
       // the comment close sequence
       //
   )*
 (
    // Look for the comment terminator, but if it is accidentally
    // unterminated, then we will hit EOF, which will trigger the
    // epsilon alt and hence we can issue an error message relative
    // to the start of the unterminated multi-line comment
    //
    '*/'
   // Unterminated comment!
    //
    {
     // ErrorManager.msg(Msg.UNTERMINATED_DOC_COMMENT, startLine, offset, $pos, startLine,
```

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

```
ARG_OR_CHARSET
```

```
options {k=1;}
 : {isLexerRule}?=> LEXER_CHAR_SET {$type=LEXER_CHAR_SET;}
 | {!isLexerRule}?=> ARG_ACTION
    {
    $type=ARG_ACTION;
    // Set the token text to our gathered string minus outer []
    String t = $text;
    t = t.substring(1,t.length()-1);
    setText(t);
    }
 ;
fragment
LEXER_CHAR_SET
: '['
 ( ' \\ ~ (' r' | n')
 | \sim (' r' |' n' |' |')
 )*
 'l'
;
// -----
// Argument specs
//
// Certain argument lists, such as those specifying call parameters
```

// to a rule invocation, or input parameters to a rule specification

```
// are contained within square brackets. In the lexer we consume them
// all at once and sort them out later in the grammar analysis.
//
fragment
ARG_ACTION
: '['
     (
       ARG_ACTION
      |("")=>ACTION_STRING_LITERAL
      | ('\")=>ACTION_CHAR_LITERAL
      |~('['|']')
   )*
   ']'
:
// -----
// Actions
//
// Other than making sure to distinguish between { and } embedded
// within what we have assumed to be literals in the action code, the
// job of the lexer is merely to gather the code within the action
// (delimited by { }) and pass it to the parser as a single token.
// We know that this token will be asked for its text somewhere
// in the upcoming parse, so setting the text here to exclude
// the delimiting { } is no additional overhead.
//
ACTION
: NESTED_ACTION
 ( '?' {$type = SEMPRED;}
 ( (WSNLCHARS* '=>') => WSNLCHARS* '=>' // v3 gated sempred
  {
  Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
  t.setLine(state.tokenStartLine);
  t.setText(state.text);
  t.setCharPositionInLine(state.tokenStartCharPositionInLine);
  grammarError(ErrorType.V3_GATED_SEMPRED, t);
  }
 )?
 )?
;
// -----
// Action structure
//
```

```
// Many language targets use {} as block delimiters and so we
// must recursively match {} delimited blocks to balance the
// braces. Additionally, we must make some assumptions about
// literal string representation in the target language. We assume
// that they are delimited by ' or " and so consume these
// in their own alts so as not to inadvertantly match { }.
// This rule calls itself on matching a {
//
fragment
NESTED ACTION
@init {
// Record the start line and offsets as if we need to report an
// unterminated block, then we want to show the start of the comment
// we think is broken, not the end, where people will have to try and work
// it out themselves.
//
int startLine = getLine();
int offset = getCharPositionInLine();
}
  : // Action and other blocks start with opening {
   //
  '{'
   (
   // And now we can match one of a number of embedded
   // elements within the action until we find a
   /\!/ } that balances the opening {. If we do not find
   // the balanced } then we will hit EOF and can issue
   // an error message about the brace that we belive to
   // be mismatched. This won't be foolproof but we will
   // be able to at least report an error against the
   // opening brace that we feel is in error and this will
   // guide the user to the correction as best we can.
   //
```

// An embedded {} block
//
NESTED\_ACTION

// What appears to be a literal
//
ACTION\_CHAR\_LITERAL

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

#### COMMENT

```
// What appears to be a literal
     //
     ACTION_STRING_LITERAL
   // What appears to be an escape sequence
    //
    ACTION_ESC
   | // Some other single character that is not
    // handled above
    //
    )*
(
  // Correctly balanced closing brace
   //
   '}'
 // Looks like have an imblanced { } block, report
   // with respect to the opening brace.
   //
   {
     // TODO: Report imbalanced { }
     System.out.println("Block starting at line " + startLine + " offset " + (offset+1) + " contains imbalanced {} or
is missing a }");
   }
)
 ;
// Keywords
// -----
// keywords used to specify ANTLR v3 grammars. Keywords may not be used as
// labels for rules or in any other context where they would be ambiguous
// with the keyword vs some other identifier
// OPTIONS, TOKENS, and CHANNELS must also consume the opening brace that captures
// their option block, as this is the easiest way to parse it separate
// to an ACTION block, despite it using the same {} delimiters.
//
OPTIONS
            : 'options' WSNLCHARS* '{';
TOKENS_SPEC : 'tokens' WSNLCHARS* '{';
CHANNELS : 'channels' WSNLCHARS* '{';
IMPORT
            : 'import'
                              ;
```

FRAGMENT : 'fragment' ; LEXER : 'lexer' ; PARSER : 'parser' ; GRAMMAR : 'grammar' ; TREE\_GRAMMAR : 'tree' WSNLCHARS\* 'grammar' ; PROTECTED : 'protected' ; PUBLIC : 'public' ; PRIVATE : 'private' ; RETURNS : 'returns' ; LOCALS : 'locals' • THROWS : 'throws' ; CATCH : 'catch' : FINALLY : 'finally' ; MODE : 'mode' ; // -----// Punctuation // // Character sequences used as separators, delimters, operators, etc // COLON : ':' { // scan backwards, looking for a RULE\_REF or TOKEN\_REF. // which would indicate the start of a rule definition. // If we see a LPAREN, then it's the start of the subrule. // this.tokens is the token string we are pushing into, so // just loop backwards looking for a rule definition. Then // we set isLexerRule. Token t = getRuleOrSubruleStartToken(); if (t!=null) { if ( t.getType()==RULE\_REF ) isLexerRule = false; else if ( t.getType()==TOKEN\_REF ) isLexerRule = true; // else must be subrule; don't alter context } } ; COLONCOLON : '::' ; : ',' COMMA ; SEMI : ';' ; LPAREN : '(' ; RPAREN : ')' ; RARROW : '->' ; : '<' LT : GT : '>' ; ASSIGN : '=' ; QUESTION : '?' ; SYNPRED : '=>'

```
Token t = new CommonToken(input, state.type, state.channel,
                  state.tokenStartCharIndex, getCharIndex()-1);
  t.setLine(state.tokenStartLine);
  t.setText(state.text);
  t.setCharPositionInLine(state.tokenStartCharPositionInLine);
  grammarError(ErrorType.V3_SYNPRED, t);
        $channel=HIDDEN;
  }
      ;
STAR
          : '*'
                         ;
PLUS
          : '+'
                        ;
PLUS_ASSIGN : '+='
                              ;
OR
         : '|'
                       ;
DOLLAR : '$'
                           ;
DOT :'.'
                      ; // can be WILDCARD or DOT in qid or imported rule ref
RANGE : '...'
                          ;
       : '@'
AT
                        ;
POUND
          : '#'
                          ;
NOT
        : '~'
                        ;
RBRACE :'}'
                           ;
/** Allow unicode rule/token names */
ID : a=NameStartChar NameChar*
  {
  if (Grammar.isTokenName($a.text)) $type = TOKEN_REF;
  else $type = RULE_REF;
  }
 ;
fragment
NameChar : NameStartChar
      | '0'..'9'
      | '_'
      | '\u00B7'
      | '\u0300'...'\u036F'
```

```
| '\u203F'..'\u2040'
```

;

fragment

NameStartChar

```
: 'A'..'Z' | 'a'..'z'
| '\u00C0'..'\u00D6'
| '\u00F8'..'\u00F6'
| '\u00F8'..'\u02FF'
| '\u0370'..'\u037D'
| '\u037F'..'\u1FFF'
| '\u200C'..'\u200D'
| '\u2070'..'\u218F'
```

| '\u2C00'..'\u2FEF'
| '\u3001'..\uD7FF'
| '\uF900'..\uFDCF'
| '\uFDF0'..'\uFEFE'
| '\uFF00'..'\uFFFD'
; // ignores | ['\u10000-'\uEFFFF];

// -----

// Literals embedded in actions

//

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

//

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

//

```
fragment
ACTION_CHAR_LITERAL
: '\" (('\\')=>ACTION_ESC | ~'\" )* '\"
;
```

// Within actions, or other structures that are not part of the ANTLR
// syntax, we may encounter literal strings. Within these, we do
// not want to inadvertantly match things like '}' and so we eat them
// specifically.
//

```
fragment
ACTION_STRING_LITERAL
: """ (('\\')=>ACTION_ESC | ~""")* """
;
```

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

;

```
// _____
// Integer
//
// Obviously (I hope) match an aribtrary long sequence of digits.
//
INT : ('0'..'9')+
 ;
// -----
// Source spec
//
// A fragment rule for picking up information about an origrinating
// file from which the grammar we are parsing has been generated. This allows
// ANTLR to report errors against the originating file and not the generated
// file.
//
fragment
SRC : 'src' WSCHARS+ file=ACTION_STRING_LITERAL WSCHARS+ line=INT
   {
    // TODO: Add target specific code to change the source file name and current line number
    //
   }
  :
// -----
// Literal string
//
// ANTLR makes no disticintion between a single character literal and a
// multi-character string. All literals are single quote delimited and
// may contain unicode escape sequences of the form \uxxxx or \u{xxxxx}},
// where x is a valid hexadecimal number.
STRING LITERAL
  : '\" ( ( ESC_SEQ | ~('\\'|'\"|'\r'|'\n') ) )*
   ( '\"
   | // Unterminated string literal
      {
      Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1);
      t.setLine(state.tokenStartLine);
      t.setText(state.text);
      t.setCharPositionInLine(state.tokenStartCharPositionInLine);
      grammarError(ErrorType.UNTERMINATED_STRING_LITERAL, t);
       }
   )
  ;
// A valid hex digit specification
//
```

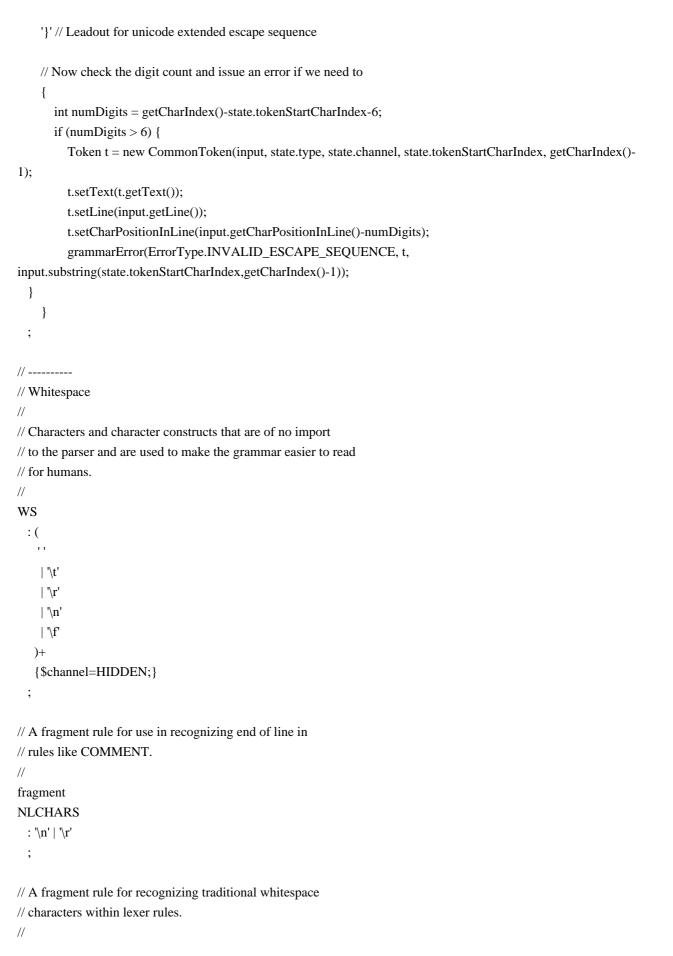
fragment  $HEX\_DIGIT:('0'..'9'|'a'..'f'|'A'..'F');$ 

```
// Any kind of escaped character that we can embed within ANTLR
// literal strings.
//
fragment
ESC_SEQ
  : '\\'
    (
        // The standard escaped character set such as tab, newline, etc...
    b'|t'|n'|f'|r'|'|'|'|'
    // A Java style Unicode escape sequence
      UNICODE_ESC
      | // A Swift/Hack style Unicode escape sequence
        UNICODE_EXTENDED_ESC
     | // An illegal escape sequuce
      ~('b'|'t'|'n'|'f'|'r'|\''|'\\''u') // \x for any invalid x (make sure to match char here)
      {
         Token t = new CommonToken(input, state.type, state.channel, getCharIndex()-2, getCharIndex()-1);
         t.setText(t.getText());
         t.setLine(input.getLine());
         t.setCharPositionInLine(input.getCharPositionInLine()-2);
         grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t, input.substring(getCharIndex()-
2,getCharIndex()-1));
      }
    )
  ;
fragment
UNICODE_ESC
@init {
// Flag to tell us whether we have a valid number of
// hex digits in the escape sequence
//
int hCount = 0;
}
  : 'u' // Leadin for unicode escape sequence
    // We now require 4 hex digits. Note though
    // that we accept any number of characters
    // and issue an error if we do not get 4. We cannot
    // use an inifinite count such as + because this
    // might consume too many, so we lay out the lexical
```

```
// options and issue an error at the invalid paths.
   //
  (
   (
     HEX_DIGIT { hCount++; }
      (
          HEX_DIGIT { hCount++; }
        (
           HEX_DIGIT { hCount++; }
           (
             // Four valid hex digits, we are good
             //
             HEX_DIGIT { hCount++; }
            | // Three valid digits
          )
         | // Two valid digits
        )
       | // One valid digit
     )
      )
     // No valid hex digits at all
  )
 // Now check the digit count and issue an error if we need to
  //
  {
  if (hCount < 4) {
  Interval badRange = Interval.of(getCharIndex()-2-hCount, getCharIndex());
  String lastChar = input.substring(badRange.b, badRange.b);
  if ( lastChar.codePointAt(0)=='\") {
  badRange.b--;
  }
  String bad = input.substring(badRange.a, badRange.b);
  Token t = new CommonToken(input, state.type, state.channel, badRange.a, badRange.b);
  t.setLine(input.getLine());
  t.setCharPositionInLine(input.getCharPositionInLine()-hCount-2);
  grammarError(ErrorType.INVALID_ESCAPE_SEQUENCE, t, bad);
  }
  }
 ;
fragment
UNICODE_EXTENDED_ESC
```

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

### HEX\_DIGIT+ // One or more hexadecimal digits



```
fragment
WSCHARS
: ' ' | '\t' | '\t'
;
```

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

// This rule allows ANTLR 4 to parse grammars using the UTF-8 encoding with a
// byte order mark. Since this Unicode character doesn't appear as a token
// anywhere else in the grammar, we can simply skip all instances of it without
// problem. This rule will not break usage of \uFEFF inside a LEXER\_CHAR\_SET or
// STRING\_LITERAL.

UnicodeBOM

```
: '\uFEFF' {skip();}
;
```

// -----

```
// Illegal Character
```

//

// This is an illegal character trap which is always the last rule in the

// lexer specification. It matches a single character of any value and being // the last rule in the file will match when no other rule knows what to do // about the character. It is reported as an error but is not passed on to the // parser. This means that the parser to deal with the gramamr file anyway // but we will not try to analyse or code generate from a file with lexical // errors.

```
//
```

ERRCHAR

:: {

> Token t = new CommonToken(input, state.type, state.channel, state.tokenStartCharIndex, getCharIndex()-1); t.setLine(state.tokenStartLine);

```
t.setText(state.text);
```

```
t.setCharPositionInLine(state.tokenStartCharPositionInLine);
String msg = getTokenErrorDisplay(t) + " came as a complete surprise to me";
grammarError(ErrorType.SYNTAX_ERROR, t, msg);
state.syntaxErrors++;
```

```
skip();
```

1

;

}

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\*/

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

```
* Parses trees created by ANTLRParser.g.
```

\*

```
* Rather than have multiple tree grammars, one for each visit, I'm
```

\* creating this generic visitor that knows about context. All of the

```
* boilerplate pattern recognition is done here. Then, subclasses can
```

```
* override the methods they care about. This prevents a lot of the same
```

```
* context tracking stuff like "set current alternative for current
```

```
* rule node" that is repeated in lots of tree filters.
```

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

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

@members {
public String grammarName;
public GrammarAST currentRuleAST;
public String currentModeName = LexerGrammar.DEFAULT\_MODE\_NAME;
public String currentRuleName;
public GrammarAST currentOuterAltRoot;
public int currentOuterAltNumber = 1; // 1..n
public int rewriteEBNFLevel = 0;

public GrammarTreeVisitor() { this(null); }

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

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

```
e.printStackTrace(System.err);
}
else errMgr.toolError(ErrorType.INTERNAL_ERROR, e);
}
```

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

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

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

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

```
public void finishRules(GrammarAST rule) { }
```

```
public void discoverRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
```

ActionAST arg, ActionAST returns, GrammarAST thrws,

```
GrammarAST options, ActionAST locals,
```

```
List<GrammarAST> actions,
```

```
GrammarAST block) { }
```

```
public void finishRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
```

```
public void discoverLexerRule(RuleAST rule, GrammarAST ID, List<GrammarAST> modifiers,
```

```
GrammarAST block) { }
```

```
public void finishLexerRule(RuleAST rule, GrammarAST ID, GrammarAST block) { }
```

```
public void ruleCatch(GrammarAST arg, ActionAST action) { }
```

```
public void finallyAction(ActionAST action) { }
```

```
public void discoverOuterAlt(AltAST alt) { }
```

```
public void finishOuterAlt(AltAST alt) { }
```

```
public void discoverAlt(AltAST alt) { }
```

```
public void finishAlt(AltAST alt) { }
```

```
public void ruleRef(GrammarAST ref, ActionAST arg) { }
```

```
public void tokenRef(TerminalAST ref) { }
```

```
public void elementOption(GrammarASTWithOptions t, GrammarAST ID, GrammarAST valueAST) { }
```

```
public void stringRef(TerminalAST ref) { }
```

```
public void wildcardRef(GrammarAST ref) { }
```

```
public void actionInAlt(ActionAST action) { }
```

```
public void sempredInAlt(PredAST pred) { }
```

```
public void label(GrammarAST op, GrammarAST ID, GrammarAST element) { }
```

```
public void lexerCallCommand(int outerAltNumber, GrammarAST ID, GrammarAST arg) { }
```

```
public void lexerCommand(int outerAltNumber, GrammarAST ID) { }
```

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

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

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

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

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

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

protected void enterDelegateGrammars(GrammarAST tree) { }
protected void exitDelegateGrammars(GrammarAST tree) { }

protected void enterDelegateGrammar(GrammarAST tree) { }
protected void exitDelegateGrammar(GrammarAST tree) { }

protected void enterTokensSpec(GrammarAST tree) { }
protected void exitTokensSpec(GrammarAST tree) { }

protected void enterTokenSpec(GrammarAST tree) { }
protected void exitTokenSpec(GrammarAST tree) { }

protected void enterChannelsSpec(GrammarAST tree) { }
protected void exitChannelsSpec(GrammarAST tree) { }

protected void enterChannelSpec(GrammarAST tree) { }
protected void exitChannelSpec(GrammarAST tree) { }

protected void enterAction(GrammarAST tree) { }
protected void exitAction(GrammarAST tree) { }

protected void enterRules(GrammarAST tree) { }
protected void exitRules(GrammarAST tree) { }

protected void enterMode(GrammarAST tree) { }
protected void exitMode(GrammarAST tree) { }

protected void enterLexerRule(GrammarAST tree) { }
protected void exitLexerRule(GrammarAST tree) { }

protected void enterRule(GrammarAST tree) { }
protected void exitRule(GrammarAST tree) { }

protected void enterExceptionGroup(GrammarAST tree) { }
protected void exitExceptionGroup(GrammarAST tree) { }

protected void enterExceptionHandler(GrammarAST tree) { }
protected void exitExceptionHandler(GrammarAST tree) { }

protected void enterFinallyClause(GrammarAST tree) { }
protected void exitFinallyClause(GrammarAST tree) { }

protected void enterLocals(GrammarAST tree) { }
protected void exitLocals(GrammarAST tree) { }

protected void enterRuleReturns(GrammarAST tree) { }
protected void exitRuleReturns(GrammarAST tree) { }

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

protected void enterLexerCommand(GrammarAST tree) { }
protected void exitLexerCommand(GrammarAST tree) { }

protected void enterLexerCommandExpr(GrammarAST tree) { }
protected void exitLexerCommandExpr(GrammarAST tree) { }

protected void enterElement(GrammarAST tree) { }
protected void exitElement(GrammarAST tree) { }

protected void enterAstOperand(GrammarAST tree) { }
protected void exitAstOperand(GrammarAST tree) { }

protected void enterLabeledElement(GrammarAST tree) { }
protected void exitLabeledElement(GrammarAST tree) { }

protected void enterSubrule(GrammarAST tree) { }
protected void exitSubrule(GrammarAST tree) { }

protected void enterLexerSubrule(GrammarAST tree) { }
protected void exitLexerSubrule(GrammarAST tree) { }

protected void enterBlockSuffix(GrammarAST tree) { }
protected void exitBlockSuffix(GrammarAST tree) { }

protected void enterEbnfSuffix(GrammarAST tree) { }
protected void exitEbnfSuffix(GrammarAST tree) { }

protected void enterAtom(GrammarAST tree) { }
protected void exitAtom(GrammarAST tree) { }

protected void enterBlockSet(GrammarAST tree) { }
protected void exitBlockSet(GrammarAST tree) { }

```
protected void enterSetElement(GrammarAST tree) { }
protected void exitSetElement(GrammarAST tree) { }
```

protected void enterBlock(GrammarAST tree) { }
protected void exitBlock(GrammarAST tree) { }

protected void enterRuleref(GrammarAST tree) { }
protected void exitRuleref(GrammarAST tree) { }

protected void enterRange(GrammarAST tree) { }
protected void exitRange(GrammarAST tree) { }

protected void enterTerminal(GrammarAST tree) { }
protected void exitTerminal(GrammarAST tree) { }

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

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

@Override

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

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

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

:

```
prequelConstructs returns [GrammarAST firstOne=null]
@init {
enterPrequelConstructs($start);
}
@after {
exitPrequelConstructs($start);
}
: {$firstOne=$start;} prequelConstruct+
I
;
prequelConstruct
@init {
enterPrequelConstructs($start);
}
@after {
exitPrequelConstructs($start);
}
: optionsSpec
 delegateGrammars
 | tokensSpec
 | channelsSpec
 action
 ;
optionsSpec
@init {
enterOptionsSpec($start);
}
@after {
exitOptionsSpec($start);
}
: ^(OPTIONS option*)
 ;
option
@init {
enterOption($start);
boolean rule = inContext("RULE ...");
boolean block = inContext("BLOCK ...");
}
@after {
exitOption($start);
}
 : ^(a=ASSIGN ID v=optionValue)
  {
  if ( block ) blockOption($ID, $v.start); // most specific first
```

```
else if ( rule ) ruleOption($ID, $v.start);
  else grammarOption($ID, $v.start);
  }
 ;
optionValue returns [String v]
@init {
enterOptionValue($start);
$v = $start.token.getText();
}
@after {
exitOptionValue($start);
}
 : ID
 | STRING_LITERAL
 | INT
 ;
delegateGrammars
@init {
enterDelegateGrammars($start);
}
@after {
exitDelegateGrammars($start);
}
: ^(IMPORT delegateGrammar+)
;
delegateGrammar
@init {
enterDelegateGrammar($start);
}
@after {
exitDelegateGrammar($start);
}
 : ^(ASSIGN label=ID id=ID) {importGrammar($label, $id);}
 | id=ID
             {importGrammar(null, $id);}
 ;
tokensSpec
@init {
enterTokensSpec($start);
}
@after {
exitTokensSpec($start);
}
: ^(TOKENS_SPEC tokenSpec+)
;
```

```
tokenSpec
@init {
enterTokenSpec($start);
}
@after {
exitTokenSpec($start);
}
: ID
       {defineToken($ID);}
;
channelsSpec
@init {
enterChannelsSpec($start);
}
@after {
exitChannelsSpec($start);
}
: ^(CHANNELS channelSpec+)
;
channelSpec
@init {
enterChannelSpec($start);
}
@after {
exitChannelSpec($start);
}
: ID
      {defineChannel($ID);}
;
action
@init {
enterAction($start);
}
@after {
exitAction($start);
}
: ^(AT sc=ID? name=ID ACTION) {globalNamedAction($sc, $name, (ActionAST)$ACTION);}
;
rules
@init {
enterRules($start);
}
@after {
exitRules($start);
}
```

```
: ^(RULES {discoverRules($RULES);} (rule|lexerRule)* {finishRules($RULES);})
 ;
mode
@init {
enterMode($start);
}
@after {
exitMode($start);
}
: ^( MODE ID {currentModeName=$ID.text; modeDef($MODE, $ID);} lexerRule* )
;
lexerRule
@init {
enterLexerRule($start);
List<GrammarAST> mods = new ArrayList<GrammarAST>();
currentOuterAltNumber=0;
}
@after {
exitLexerRule($start);
}
: ^( RULE TOKEN_REF
 {currentRuleName=$TOKEN_REF.text; currentRuleAST=$RULE;}
 (^(RULEMODIFIERS m=FRAGMENT {mods.add($m);}))?
    {discoverLexerRule((RuleAST)$RULE, $TOKEN_REF, mods, (GrammarAST)input.LT(1));}
   lexerRuleBlock
   {
   finishLexerRule((RuleAST)$RULE, $TOKEN_REF, $lexerRuleBlock.start);
   currentRuleName=null; currentRuleAST=null;
    }
   )
;
rule
@init {
enterRule($start);
List<GrammarAST> mods = new ArrayList<GrammarAST>();
List<GrammarAST> actions = new ArrayList<GrammarAST>(); // track roots
currentOuterAltNumber=0;
}
@after {
exitRule($start);
}
: ^( RULE RULE_REF {currentRuleName=$RULE_REF.text; currentRuleAST=$RULE;}
 (^(RULEMODIFIERS (m=ruleModifier {mods.add($m.start);})+))?
 ARG_ACTION?
   ret=ruleReturns?
```

```
thr=throwsSpec?
    loc=locals?
    (opts=optionsSpec
   | a=ruleAction {actions.add($a.start);}
   )*
    {discoverRule((RuleAST)$RULE, $RULE_REF, mods, (ActionAST)$ARG_ACTION,
       $ret.start!=null?(ActionAST)$ret.start.getChild(0):null,
       $thr.start, $opts.start,
       $loc.start!=null?(ActionAST)$loc.start.getChild(0):null,
       actions, (GrammarAST)input.LT(1));}
    ruleBlock exceptionGroup
    {finishRule((RuleAST)$RULE, $RULE_REF, $ruleBlock.start); currentRuleName=null; currentRuleAST=null;}
    )
 ;
exceptionGroup
@init {
enterExceptionGroup($start);
}
@after {
exitExceptionGroup($start);
}
 : exceptionHandler* finallyClause?
 ;
exceptionHandler
@init {
enterExceptionHandler($start);
}
@after {
exitExceptionHandler($start);
}
: ^(CATCH ARG_ACTION ACTION) {ruleCatch($ARG_ACTION, (ActionAST)$ACTION);}
;
finallyClause
@init {
enterFinallyClause($start);
}
@after {
exitFinallyClause($start);
}
: ^(FINALLY ACTION) {finallyAction((ActionAST)$ACTION);}
;
locals
@init {
enterLocals($start);
```

```
}
@after {
exitLocals($start);
}
: ^(LOCALS ARG_ACTION)
;
ruleReturns
@init {
enterRuleReturns($start);
}
@after {
exitRuleReturns($start);
}
: ^(RETURNS ARG_ACTION)
;
throwsSpec
@init {
enterThrowsSpec($start);
}
@after {
exitThrowsSpec($start);
}
 : ^(THROWS ID+)
 ;
ruleAction
@init {
enterRuleAction($start);
}
@after {
exitRuleAction($start);
}
: ^(AT ID ACTION)
;
ruleModifier
@init {
enterRuleModifier($start);
}
@after {
exitRuleModifier($start);
}
 : PUBLIC
 | PRIVATE
 | PROTECTED
 | FRAGMENT
```

```
lexerRuleBlock
@init {
enterLexerRuleBlock($start);
}
@after {
exitLexerRuleBlock($start);
}
 : ^( BLOCK
  ( {
   currentOuterAltRoot = (GrammarAST)input.LT(1);
  currentOuterAltNumber++;
  }
   lexerOuterAlternative
  )+
  )
 :
ruleBlock
@init {
enterRuleBlock($start);
}
@after {
exitRuleBlock($start);
}
 : ^( BLOCK
  ( {
   currentOuterAltRoot = (GrammarAST)input.LT(1);
  currentOuterAltNumber++;
  }
   outerAlternative
   )+
  )
 ;
lexerOuterAlternative
@init {
enterLexerOuterAlternative((AltAST)$start);
discoverOuterAlt((AltAST)$start);
}
@after {
finishOuterAlt((AltAST)$start);
exitLexerOuterAlternative((AltAST)$start);
}
: lexerAlternative
;
```

;

```
outerAlternative
@init {
enterOuterAlternative((AltAST)$start);
discoverOuterAlt((AltAST)$start);
}
@after {
finishOuterAlt((AltAST)$start);
exitOuterAlternative((AltAST)$start);
}
: alternative
:
lexerAlternative
@init {
enterLexerAlternative($start);
}
@after {
exitLexerAlternative($start);
}
: ^(LEXER_ALT_ACTION lexerElements lexerCommand+)
 lexerElements
 ;
lexerElements
@init {
enterLexerElements($start);
}
@after {
exitLexerElements($start);
}
 : ^(ALT lexerElement+)
 ;
lexerElement
@init {
enterLexerElement($start);
}
@after {
exitLexerElement($start);
}
: labeledLexerElement
| lexerAtom
| lexerSubrule
| ACTION
               {actionInAlt((ActionAST)$ACTION);}
| SEMPRED
                {sempredInAlt((PredAST)$SEMPRED);}
^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}
```

```
| EPSILON
;
labeledLexerElement
@init {
enterLabeledLexerElement($start);
}
@after {
exitLabeledLexerElement($start);
}
 : ^((ASSIGN|PLUS_ASSIGN) ID (lexerAtom|block))
;
lexerBlock
@init {
enterLexerBlock($start);
}
@after {
exitLexerBlock($start);
}
: ^(BLOCK optionsSpec? lexerAlternative+)
 ;
lexerAtom
@init {
enterLexerAtom($start);
}
@after {
exitLexerAtom($start);
}
 : terminal
 | ^(NOT blockSet)
 blockSet
 | ^(WILDCARD elementOptions)
 WILDCARD
 | LEXER_CHAR_SET
 range
 ruleref
 ;
actionElement
@init {
enterActionElement($start);
}
@after {
```

```
exitActionElement($start);
```

```
}
: ACTION
```

```
| ^(ACTION elementOptions)
SEMPRED
| ^(SEMPRED elementOptions)
;
alternative
@init {
enterAlternative((AltAST)$start);
discoverAlt((AltAST)$start);
}
@after {
finishAlt((AltAST)$start);
exitAlternative((AltAST)$start);
}
: ^(ALT elementOptions? element+)
| ^(ALT elementOptions? EPSILON)
 ;
lexerCommand
@init {
enterLexerCommand($start);
}
@after {
exitLexerCommand($start);
}
: ^(LEXER_ACTION_CALL ID lexerCommandExpr)
    {lexerCallCommand(currentOuterAltNumber, $ID, $lexerCommandExpr.start);}
| ID
    {lexerCommand(currentOuterAltNumber, $ID);}
;
lexerCommandExpr
@init {
enterLexerCommandExpr($start);
}
@after {
exitLexerCommandExpr($start);
}
: ID
| INT
;
element
@init {
enterElement($start);
}
@after {
exitElement($start);
```

```
}
: labeledElement
atom
subrule
| ACTION
               {actionInAlt((ActionAST)$ACTION);}
                {sempredInAlt((PredAST)$SEMPRED);}
SEMPRED
| ^(ACTION elementOptions) {actionInAlt((ActionAST)$ACTION);}
| ^(SEMPRED elementOptions) {sempredInAlt((PredAST)$SEMPRED);}
range
| ^(NOT blockSet)
| ^(NOT block)
;
astOperand
@init {
enterAstOperand($start);
}
@after {
exitAstOperand($start);
}
: atom
| ^(NOT blockSet)
| ^(NOT block)
;
labeledElement
@init {
enterLabeledElement($start);
}
@after {
exitLabeledElement($start);
}
: ^((ASSIGN|PLUS_ASSIGN) ID element) {label($start, $ID, $element.start);}
;
subrule
@init {
enterSubrule($start);
}
@after {
exitSubrule($start);
}
: ^(blockSuffix block)
| block
 ;
lexerSubrule
@init {
```

```
enterLexerSubrule($start);
}
@after {
exitLexerSubrule($start);
}
: ^(blockSuffix lexerBlock)
| lexerBlock
 ;
blockSuffix
@init {
enterBlockSuffix($start);
}
@after {
exitBlockSuffix($start);
}
 : ebnfSuffix
 ;
ebnfSuffix
@init {
enterEbnfSuffix($start);
}
@after {
exitEbnfSuffix($start);
}
: OPTIONAL
| CLOSURE
 | POSITIVE_CLOSURE
;
atom
@init {
enterAtom($start);
}
@after {
exitAtom($start);
}
: ^(DOT ID terminal)
| ^(DOT ID ruleref)
 | ^(WILDCARD elementOptions) {wildcardRef($WILDCARD);}
 |WILDCARD {wildcardRef($WILDCARD);}
 | terminal
 | blockSet
 | ruleref
 ;
blockSet
```

```
@init {
enterBlockSet($start);
}
@after {
exitBlockSet($start);
}
: ^(SET setElement+)
;
setElement
@init {
enterSetElement($start);
}
@after {
exitSetElement($start);
}
: ^(STRING_LITERAL elementOptions) {stringRef((TerminalAST)$STRING_LITERAL);}
| ^(TOKEN_REF elementOptions) {tokenRef((TerminalAST)$TOKEN_REF);}
| STRING_LITERAL
                              {stringRef((TerminalAST)$STRING_LITERAL);}
| TOKEN_REF
                          {tokenRef((TerminalAST)$TOKEN_REF);}
| ^(RANGE a=STRING_LITERAL b=STRING_LITERAL)
 {
 stringRef((TerminalAST)$a);
 stringRef((TerminalAST)$b);
 }
        LEXER_CHAR_SET
   ;
block
@init {
enterBlock($start);
}
@after {
exitBlock($start);
}
 : ^(BLOCK optionsSpec? ruleAction* ACTION? alternative+)
 ;
ruleref
@init {
enterRuleref($start);
}
@after {
exitRuleref($start);
}
 : ^(RULE_REF arg=ARG_ACTION? elementOptions?)
  {
  ruleRef($RULE_REF, (ActionAST)$ARG_ACTION);
```

```
if ( $arg!=null ) actionInAlt((ActionAST)$arg);
  }
 ;
range
@init {
enterRange($start);
}
@after {
exitRange($start);
}
 : ^(RANGE STRING_LITERAL STRING_LITERAL)
 ;
terminal
@init {
enterTerminal($start);
}
@after {
exitTerminal($start);
}
 : ^(STRING_LITERAL elementOptions)
      {stringRef((TerminalAST)$STRING_LITERAL);}
 | STRING_LITERAL {stringRef((TerminalAST)$STRING_LITERAL);}
 | ^(TOKEN_REF elementOptions) {tokenRef((TerminalAST)$TOKEN_REF);}
                   {tokenRef((TerminalAST)$TOKEN_REF);}
 | TOKEN REF
 ;
elementOptions
@init {
enterElementOptions($start);
}
@after {
exitElementOptions($start);
}
 : ^(ELEMENT_OPTIONS elementOption[(GrammarASTWithOptions)$start.getParent()]*)
 ;
elementOption[GrammarASTWithOptions t]
@init {
enterElementOption($start);
}
@after {
exitElementOption($start);
}
 : ID
         {elementOption(t, $ID, null);}
 | ^(ASSIGN id=ID v=ID) {elementOption(t, $id, $v);}
 (ASSIGN ID v=STRING_LITERAL) {elementOption(t, $ID, $v);}
```

```
| ^(ASSIGN ID v=ACTION) {elementOption(t, $ID, $v);}
| ^(ASSIGN ID v=INT) {elementOption(t, $ID, $v);}
:
```

Found in path(s): \*/opt/ws\_local/PERMITS\_SQL/1014221960\_1591897522.14/0/antlr4-4-7-1-sourcesjar/org/antlr/v4/parse/GrammarTreeVisitor.g

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# THE BASIC LIBRARY FUNCTIONS

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Written by:Philip HazelEmail local part:ph10Email domain:cam.ac.uk

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# PCRE JUST-IN-TIME COMPILATION SUPPORT

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| Release | Derived |      | Yea | r ( | Owner           | GPL- |
|---------|---------|------|-----|-----|-----------------|------|
| from    |         |      |     | (   | compatible? (1) |      |
|         |         |      |     |     |                 |      |
| 2.5     | 2.4     | 2006 |     | PSF | yes             |      |
| 2.5.1   | 2.5     | 2007 |     | PSF | yes             |      |
| 2.5.2   | 2.5.1   | 2008 |     | PSF | yes             |      |
| 2.5.3   | 2.5.2   | 2008 |     | PSF | yes             |      |
| 2.6     | 2.5     | 2008 |     | PSF | yes             |      |
| 2.6.1   | 2.6     | 2008 |     | PSF | yes             |      |
| 2.6.2   | 2.6.1   | 2009 |     | PSF | yes             |      |
| 2.6.3   | 2.6.2   | 20   | )09 | PSF | yes             |      |
| 2.6.4   | 2.6.3   | 20   | )09 | PSF | yes             |      |
| 2.6.5   | 2.6.4   | 20   | 010 | PSF | yes             |      |
| 3.0     | 2.6     | 200  | )8  | PSF | yes             |      |
| 3.0.1   | 3.0     | 20   | 09  | PSF | yes             |      |
| 3.1     | 3.0.1   | 20   | 09  | PSF | yes             |      |
| 3.1.1   | 3.1     | 20   | 09  | PSF | yes             |      |
| 3.1.2   | 3.1.1   | 20   | 010 | PSF | yes             |      |
| 3.1.3   | 3.1.2   | 20   | 010 | PSF | yes             |      |
| 3.1.4   | 3.1.3   | 20   | )11 | PSF | yes             |      |
| 3.2     | 3.1     | 201  | 1   | PSF | yes             |      |
| 3.2.1   | 3.2     | 20   | 11  | PSF | yes             |      |
| 3.2.2   | 3.2.1   | 20   | )11 | PSF | yes             |      |
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## 1.171 protobuf-java 2.5.0

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* /opt/cola/permits/1136206382_1613708791.12/0/parquet-hive-binding-factory-1-10-1-sources-1-jar/org/apache/parquet/hive/HiveBindingFactory.java
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jar/com/esotericsoftware/reflectasm/ConstructorAccess.java

\* /opt/cola/permits/1145449535\_1616181967.19/0/reflectasm-1-10-1-sources-3-

jar/com/esotericsoftware/reflectasm/PublicConstructorAccess.java \*/opt/cola/permits/1145449535\_1616181967.19/0/reflectasm-1-10-1-sources-3jar/com/esotericsoftware/reflectasm/MethodAccess.java \*/opt/cola/permits/1145449535\_1616181967.19/0/reflectasm-1-10-1-sources-3jar/com/esotericsoftware/reflectasm/FieldAccess.java \*/opt/cola/permits/1145449535\_1616181967.19/0/reflectasm-1-10-1-sources-3jar/com/esotericsoftware/reflectasm/AccessClassLoader.java

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# 1.189 libbson 1.16.2

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# 1.190 xmlhttprequest 1.7.0

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# 1.191 httpasyncclient 4.1.3

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# 1.192 curl 7.68.0

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# 1.193 lz4 1.0.11

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# 1.196 bzip2 1.0.8

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\*

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* @author Rainer Pruy
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\*/

#ifndef UV\_BSD\_H
#define UV\_BSD\_H

#define UV\_PLATFORM\_FS\_EVENT\_FIELDS
uv\_\_io\_t event\_watcher;

#define UV\_IO\_PRIVATE\_PLATFORM\_FIELDS

int rcount; int wcount; \

#define UV\_HAVE\_KQUEUE 1

#endif /\* UV\_BSD\_H \*/ Files: \* ========

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Files: getopt.c

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# 1.202 xml-name-validator 2.0.1

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## 1.207 idna 2.8 1.207.1 Available under license :

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Found in path(s):

\* /opt/cola/permits/1110810307\_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/LICENSE.rst No license file was found, but licenses were detected in source scan.

.....

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

import io, sys from setuptools import setup

def main():

```
python_version = sys.version_info[:2]
if python_version < (2,7):
  raise SystemExit("Sorry, Python 2.7 or newer required")</pre>
```

package\_data = { }
exec(open('idna/package\_data.py').read(), package\_data)

arguments = {
 'name': 'idna',
 'packages': ['idna'],
 'version': package\_data['\_\_version\_\_'],
 'description': 'Internationalized Domain Names in Applications (IDNA)',
 'long\_description': io.open("README.rst", encoding="UTF-8").read(),
 'author': 'Kim Davies',
 'author\_email': 'kim@cynosure.com.au',
 'license': 'BSD-like',
 'url': 'https://github.com/kjd/idna',

```
'classifiers': [
       'Development Status :: 5 - Production/Stable',
       'Intended Audience :: Developers',
       'Intended Audience :: System Administrators',
       'License :: OSI Approved :: BSD License',
       'Operating System :: OS Independent',
       'Programming Language :: Python',
       'Programming Language :: Python :: 2',
       'Programming Language :: Python :: 2.7',
       'Programming Language :: Python :: 3',
       'Programming Language :: Python :: 3.4',
       'Programming Language :: Python :: 3.5',
       'Programming Language :: Python :: 3.6',
       'Topic :: Internet :: Name Service (DNS)',
       'Topic :: Software Development :: Libraries :: Python Modules',
       'Topic :: Utilities',
    ],
    'python requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
    'test suite': 'tests',
  }
 setup(**arguments)
if ______name___ == '____main___':
 main()
```

Found in path(s):

\* /opt/cola/permits/1110810307\_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

# 1.208 javolution 5.5.1

### 1.208.1 Available under license :

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/\*\*

\* Interface for an element's attribute specifications.

\*

- \* <blockquote>
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- \* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
- \* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
- \* for further information.
- \* </blockquote>

\*

- \* This is the original SAX1 interface for reporting an element's
- \* attributes. Unlike the new {@link org.xml.sax.Attributes }
- \* interface, it does not support Namespace-related information.

- \*
- \* When an attribute list is supplied as part of a
- \* {@link org.xml.sax.DocumentHandler#startElement startElement}
- \* event, the list will return valid results only during the
- $\ast$  scope of the event; once the event handler returns control
- \* to the parser, the attribute list is invalid. To save a
- \* persistent copy of the attribute list, use the SAX1 AttributeListImpl
- \* helper class.
- \*

```
* An attribute list includes only attributes that have been
```

```
* specified or defaulted: #IMPLIED attributes will not be included.
```

\*

\* There are two ways for the SAX application to obtain information

\* from the AttributeList. First, it can iterate through the entire

```
* list:
```

\*

```
*
```

- \* public void startElement (String name, AttributeList atts) {
- \* for (int i = 0; i < atts.getLength(); i++) {
- \* String name = atts.getName(i);
- \* String type = atts.getType(i);
- \* String value = atts.getValue(i);
- \* [...]
- \* }
- \* }

```
*
```

- \*
- \* (Note that the result of getLength() will be zero if there
- \* are no attributes.)
- \*

```
* As an alternative, the application can request the value or
```

```
* type of specific attributes:
```

- \*
- \*
- \* public void startElement (String name, AttributeList atts) {
- \* String identifier = atts.getValue("id");
- \* String label = atts.getValue("label");
- \* [...]
- \* }
- \*
- \*

```
* @since SAX 1.0
```

\* @author David Megginson

```
* @version 2.0.1 (sax2r2)
```

```
*/
```

Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/AttributeList.java

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### /\*\*

\* Receive notification of general document events.

\*

- \* <blockquote>
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- \* for further information.
- \* </blockquote>
- \*

\* This was the main event-handling interface for SAX1; in

\* SAX2, it has been replaced by {@link org.xml.sax.ContentHandler

\* ContentHandler}, which provides Namespace support and reporting

\* of skipped entities. This interface is included in SAX2 only

\* to support legacy SAX1 applications.

\*

\* The order of events in this interface is very important, and

\* mirrors the order of information in the document itself. For

\* example, all of an element's content (character data, processing

\* instructions, and/or subelements) will appear, in order, between

\* the startElement event and the corresponding endElement event.

\*

\* Application writers who do not want to implement the entire

\* interface can derive a class from HandlerBase, which implements

\* the default functionality; parser writers can instantiate

\* HandlerBase to obtain a default handler. The application can find

\* the location of any document event using the Locator interface

\* supplied by the Parser through the setDocumentLocator method.

\*

- \* @since SAX 1.0
- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)

\* @see org.xml.sax.Parser#setDocumentHandler

\* @see org.xml.sax.Locator

\* @see org.xml.sax.HandlerBase

```
*/
```

Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/DocumentHandler.java
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/\*\*

\* Basic interface for resolving entities.

\*

\* <blockquote>

```
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```

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\* for further information.

\* </blockquote>

\*

```
* If a SAX application needs to implement customized handling
```

\* for external entities, it must implement this interface and

```
* register an instance with the SAX driver using the
```

```
* {@link org.xml.sax.XMLReader#setEntityResolver setEntityResolver}
```

```
* method.
```

\*

\* The XML reader will then allow the application to intercept any

\* external entities (including the external DTD subset and external

```
* parameter entities, if any) before including them.
```

\*

```
* Many SAX applications will not need to implement this interface,
```

```
* but it will be especially useful for applications that build
```

\* XML documents from databases or other specialised input sources,

```
* or for applications that use URI types other than URLs.
```

```
*
```

\* The following resolver would provide the application

```
* with a special character stream for the entity with the system
```

```
* identifier "http://www.myhost.com/today":
```

```
*
```

```
*
```

```
* import org.xml.sax.EntityResolver;
```

```
* import org.xml.sax.InputSource;
```

```
*
```

\* public class MyResolver implements EntityResolver {

- \* public InputSource resolveEntity (String publicId, String systemId)
- \* {

```
* if (systemId.equals("http://www.myhost.com/today")) {
```

```
* // return a special input source
```

```
* MyReader reader = new MyReader();
```

```
* return new InputSource(reader);
```

```
* } else {
```

```
* // use the default behaviour
```

```
return null;
```

```
* }
```

```
* }
```

```
* }
```

```
*
```

```
*
```

```
* The application can also use this interface to redirect system
```

\* identifiers to local URIs or to look up replacements in a catalog

```
* (possibly by using the public identifier).
```

```
*
```

- \* @since SAX 1.0
- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)
- \* @see org.xml.sax.XMLReader#setEntityResolver
- \* @see org.xml.sax.InputSource

\*/

### Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/EntityResolver.java No license file was found, but licenses were detected in source scan.

/\*\*

\* Interface for associating a SAX event with a document location.

\*

\* <blockquote>

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\* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>

\* for further information.

\* </blockquote>

\*

\* If a SAX parser provides location information to the SAX

\* application, it does so by implementing this interface and then

\* passing an instance to the application using the content

\* handler's {@link org.xml.sax.ContentHandler#setDocumentLocator

\* setDocumentLocator} method. The application can use the

\* object to obtain the location of any other SAX event

\* in the XML source document.

\*

\* Note that the results returned by the object will be valid only

\* during the scope of each callback method: the application

\* will receive unpredictable results if it attempts to use the

\* locator at any other time, or after parsing completes.

\*

\* SAX parsers are not required to supply a locator, but they are

\* very strongly encouraged to do so. If the parser supplies a

\* locator, it must do so before reporting any other document events.

\* If no locator has been set by the time the application receives

\* the {@link org.xml.sax.ContentHandler#startDocument startDocument}

\* event, the application should assume that a locator is not

\* available.

\*

```
* @since SAX 1.0
```

\* @author David Megginson

```
* @version 2.0.1 (sax2r2)
```

 $* @ see \ org.xml.sax.ContentHandler \# setDocumentLocator \\$ 

```
*/
```

Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/Locator.java No license file was found, but licenses were detected in source scan.

// NO WARRANTY! This class is in the Public Domain.

/\*\*

\* Exception class for an unsupported operation.

\*

\* <blockquote>

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\* for further information.

\* </blockquote>

\*

\* An XMLReader will throw this exception when it recognizes a

\* feature or property identifier, but cannot perform the requested

\* operation (setting a state or value). Other SAX2 applications and

\* extensions may use this class for similar purposes.

- \*
- \* @since SAX 2.0
- \* @author David Megginson

```
* @version 2.0.1 (sax2r2)
```

\* @see org.xml.sax.SAXNotRecognizedException

\*/

Found in path(s):

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/\*

```
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```

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```

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\*/

Found in path(s):

```
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/XMLReaderImpl.java
```

```
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
```

jar/\_templates/java/lang/EnumConstantNotPresentException.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/util/ReentrantLock.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javax/realtime/MemoryArea.java

\* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/java/io/Serializable.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/javolution/lang/Immutable.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/java/util/Formattable.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/javax/realtime/RealtimeThread.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/java/util/logging/Logger.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/java/util/FormatFlagsConversionMismatchException.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/java/lang/Comparable.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/java/util/TooManyListenersException.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/javolution/text/Text.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/lang/Enum.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/java/lang/NoSuchFieldException.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/io/Union.java \*/opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2-jar/ templates/java/util/Queue.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/java/io/FileInputStream.java \*/opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2-jar/ templates/java/io/Closeable.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/java/io/InvalidClassException.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/lang/Reflection.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/javolution/xml/stream/XMLStreamException.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/java/io/ObjectOutputStream.java \*/opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/\_templates/java/util/Set.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/java/io/NotActiveException.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/java/util/UnknownFormatConversionException.java

\*/opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Immutable.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/java/util/IllegalFormatPrecisionException.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/java/util/HashMap.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/lang/Configurable.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

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jar/javolution/io/UTF8ByteBufferReader.java

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### Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/\_templates/javolution/context/PoolContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/javolution/context/PoolContext.java

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/\*\*

- \* Basic interface for SAX (Simple API for XML) parsers.
- \*
- \* <blockquote>
- \* <em>This module, both source code and documentation, is in the
- \* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
- \* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>

\* for further information.

\* </blockquote>

\*

\* This was the main event supplier interface for SAX1; it has

\* been replaced in SAX2 by {@link org.xml.sax.XMLReader XMLReader},

\* which includes Namespace support and sophisticated configurability

```
* and extensibility.
```

\*

\* All SAX1 parsers must implement this basic interface: it allows

- \* applications to register handlers for different types of events
- \* and to initiate a parse from a URI, or a character stream.

\*

\* All SAX1 parsers must also implement a zero-argument constructor

- \* (though other constructors are also allowed).
- \*

\* SAX1 parsers are reusable but not re-entrant: the application

- \* may reuse a parser object (possibly with a different input source)
- \* once the first parse has completed successfully, but it may not
- \* invoke the parse() methods recursively within a parse.

\*

\* @deprecated This interface has been replaced by the SAX2

\* {@link org.xml.sax.XMLReader XMLReader}

\* interface, which includes Namespace support.

- \* @since SAX 1.0
- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)
- \* @see org.xml.sax.EntityResolver
- \* @see org.xml.sax.DTDHandler
- \* @see org.xml.sax.DocumentHandler

- \* @see org.xml.sax.ErrorHandler
- \* @see org.xml.sax.HandlerBase
- \* @see org.xml.sax.InputSource

\*/

### Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/Parser.java No license file was found, but licenses were detected in source scan.

/\*\*

- \* Encapsulate an XML parse error or warning.
- \*
- \* <blockquote>
- $\ast$  <em>This module, both source code and documentation, is in the
- \* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
- \* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
- \* for further information.
- \* </blockquote>

\*

- \* This exception may include information for locating the error
- \* in the original XML document, as if it came from a {@link Locator}
- \* object. Note that although the application
- \* will receive a SAXParseException as the argument to the handlers
- \* in the {@link org.xml.sax.ErrorHandler ErrorHandler} interface,
- \* the application is not actually required to throw the exception;
- \* instead, it can simply read the information in it and take a
- \* different action.
- \*
- \* Since this exception is a subclass of {@link org.xml.sax.SAXException
- \* SAXException }, it inherits the ability to wrap another exception.

\*

- \* @since SAX 1.0
- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)
- \* @see org.xml.sax.SAXException
- \* @see org.xml.sax.Locator
- \* @see org.xml.sax.ErrorHandler

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*/
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Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/org/xml/sax/SAXParseException.java No license file was found, but licenses were detected in source scan.

// NO WARRANTY! This class is in the Public Domain.

```
/**
```

```
* Interface for an XML filter.
```

\*

- \* <blockquote>
- \* <em>This module, both source code and documentation, is in the
- \* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
- \* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>

\* for further information.

```
* </blockquote>
```

\*

- \* An XML filter is like an XML reader, except that it obtains its
- \* events from another XML reader rather than a primary source like
- \* an XML document or database. Filters can modify a stream of
- \* events as they pass on to the final application.

\*

- \* The XMLFilterImpl helper class provides a convenient base
- \* for creating SAX2 filters, by passing on all {@link org.xml.sax.EntityResolver
- \* EntityResolver}, {@link org.xml.sax.DTDHandler DTDHandler},
- \* {@link org.xml.sax.ContentHandler ContentHandler} and {@link org.xml.sax.ErrorHandler
- \* ErrorHandler} events automatically.

\*

- \* @since SAX 2.0
- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)

\*/

### Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/XMLFilter.java No license file was found, but licenses were detected in source scan.

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\* freely granted, provided that this notice is preserved.

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jar/javolution/xml/stream/XMLStreamWriter.java

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jar/javolution/io/AppendableWriter.java

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jar/\_templates/javolution/xml/XMLReferenceResolver.java

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 $jar/\_templates/javolution/xml/XMLFormat.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/TextBuilder.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/io/AppendableWriter.java

 $* / opt/cola/permits/1118987831\_1608672578.56 / 0 / javolution-5-5-1 - sources-2-jar/javolution/util/FastIterator.java = 0.000 / javolution/util/FastIterator.java = 0.000 / javolution/util/FastIte$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/text/TextBuilder.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/context/StackContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/StandardLog.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/context/PersistentContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/xml/XMLObjectWriter.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/xml/sax/ContentHandler.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/context/ConcurrentException.java

jar/javolution/context/LogContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/context/ObjectFactory.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/context/ConcurrentThread.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/io/UTF8StreamWriter.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Reference.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/XMLObjectReader.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/context/ConcurrentContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/sax/SAX2ReaderImpl.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/io/UTF8ByteBufferWriter.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/ templates/javolution/xml/stream/XMLStreamWriter.java \*/opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLFormat.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/javolution/xml/sax/DefaultHandler.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/io/UTF8StreamReader.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/text/TypeFormat.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/javolution/lang/Reference.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/xml/XMLBinding.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/text/Appendable.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/javolution/xml/sax/DefaultHandler.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/javolution/xml/stream/XMLStreamWriterImpl.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/io/UTF8StreamWriter.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/context/HeapContext.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Reusable.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/util/FastIterator.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/javolution/context/ConcurrentThread.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/javolution/xml/sax/XMLReader.java \* /opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2jar/javolution/context/LocalContext.java \*/opt/cola/permits/1118987831 1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastSet.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/ templates/javolution/context/StackContext.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/xml/stream/NamespaceContext.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/text/CharSet.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/util/FastMap.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/\_templates/javolution/xml/stream/XMLStreamReader.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/Attributes.java \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/javolution/xml/stream/XMLStreamReaderImpl.java \*/opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/io/Struct.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/xml/sax/XMLReader.java

```
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/TypeFormat.java
```

```
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
```

jar/javolution/xml/stream/NamespaceContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/io/Struct.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/xml/stream/XMLStreamWriterImpl.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/xml/stream/Location.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/lang/Reusable.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/context/ConcurrentException.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/io/UTF8ByteBufferWriter.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/context/PersistentContext.java

 $* / opt/cola/permits/1118987831\_1608672578.56 / 0 / javolution-5-5-1 - sources-2-jar / javolution / text/CharSet.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/sax/ContentHandler.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/stream/XMLStreamReader.java

 $* / opt/cola/permits/1118987831\_1608672578.56/0/ javolution-5-5-1-sources-2-jar/ javolution/util/FastMap. javabbbb// javolution/util/FastMap. javabbb// javabbbb// javabbb// javabbb// javabbb// javabbb// javabbb// javabbb// j$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/xml/stream/XMLOutputFactory.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/stream/XMLOutputFactory.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/util/StandardLog.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/context/LogContext.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/io/UTF8StreamReader.java

 $* / opt/cola/permits/1118987831\_1608672578.56 / 0 / javolution-5-5-1-sources-2-jar/javolution/xml/XMLB inding. java = 0.000 / javolution/xml/XMLB / / javolution/xml/Xm$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/lang/ClassInitializer.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/context/Allocator.java

jar/javolution/xml/stream/XMLStreamConstants.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/XMLReferenceResolver.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/xml/sax/SAX2ReaderImpl.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/xml/stream/XMLStreamConstants.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/stream/Location.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/context/LocalContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLObjectWriter.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/\_templates/javolution/context/ConcurrentContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/NamespacesImpl.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/\_templates/javolution/text/TextFormat.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/ObjectFactory.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/\_templates/javolution/util/FastSet.java

jar/\_templates/javolution/util/FastSet.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/util/FastCollection.java$ 

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

### /\*\*

\* Receive notification of basic DTD-related events.

\*

\* <blockquote>

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\* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>

\* for further information.

\* </blockquote>

\*

\* If a SAX application needs information about notations and

\* unparsed entities, then the application implements this

\* interface and registers an instance with the SAX parser using

\* the parser's setDTDHandler method. The parser uses the

\* instance to report notation and unparsed entity declarations to

\* the application.

\*

\* Note that this interface includes only those DTD events that

\* the XML recommendation <em>requires</em> processors to report:

\* notation and unparsed entity declarations.

\*

\* The SAX parser may report these events in any order, regardless

\* of the order in which the notations and unparsed entities were

\* declared; however, all DTD events must be reported after the

\* document handler's startDocument event, and before the first

\* startElement event.

\* (If the LexicalHandler is

\* used, these events must also be reported before the endDTD event.)

\*

- \*
- \* It is up to the application to store the information for
- \* future use (perhaps in a hash table or object tree).
- \* If the application encounters attributes of type "NOTATION",
- \* "ENTITY", or "ENTITIES", it can use the information that it
- \* obtained through this interface to find the entity and/or
- \* notation corresponding with the attribute value.
- \*
- \* @since SAX 1.0
- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)
- \*/

### Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/DTDHandler.java No license file was found, but licenses were detected in source scan.

/\*

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Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/util/FastBitSet.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastBitSet.java No license file was found, but licenses were detected in source scan.

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Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/Cursor.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/text/Cursor.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/testing/JUnitContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/testing/JUnitContext.java No license file was found, but licenses were detected in source scan.

```
// NO WARRANTY! This class is in the public domain.
```

/\*\*

\* Interface for a list of XML attributes.

\*

- \* <blockquote>
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- \* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
- \* for further information.
- \* </blockquote>

\*

- \* This interface allows access to a list of attributes in
- \* three different ways:
- \*
- \*
- \* by attribute index;
- \* by Namespace-qualified name; or
- \* by qualified (prefixed) name.
- \*
- \*
- \* The list will not contain attributes that were declared
- \* #IMPLIED but not specified in the start tag. It will also not
- \* contain attributes used as Namespace declarations (xmlns\*) unless
- \* the <code>http://xml.org/sax/features/namespace-prefixes</code>
- \* feature is set to <var>true</var> (it is <var>false</var> by
- \* default).
- \* Because SAX2 conforms to the original "Namespaces in XML"
- \* recommendation, it normally does not
- \* give namespace declaration attributes a namespace URI.
- \*
- \*
- \* Some SAX2 parsers may support using an optional feature flag
- \* (<code>http://xml.org/sax/features/xmlns-uris</code>) to request
- \* that those attributes be given URIs, conforming to a later
- \* backwards-incompatible revision of that recommendation. (The
- \* attribute's "local name" will be the prefix, or "xmlns" when
- \* defining a default element namespace.) For portability, handler
- \* code should always resolve that conflict, rather than requiring
- $\ast$  parsers that can change the setting of that feature flag.
- \*
- \* If the namespace-prefixes feature (see above) is
- \* <var>false</var>, access by qualified name may not be available; if
- \* the <code>http://xml.org/sax/features/namespaces</code> feature is
- \* <var>false</var>, access by Namespace-qualified names may not be
- \* available.

```
*
```

- \* This interface replaces the now-deprecated SAX1 {@link
- \* org.xml.sax.AttributeList AttributeList} interface, which does not
- \* contain Namespace support. In addition to Namespace support, it

```
* adds the <var>getIndex</var> methods (below).
```

```
*
```

- \*The order of attributes in the list is unspecified, and will
- \* vary from implementation to implementation.
- \*

```
* @since SAX 2.0
```

- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)

```
*/
```

```
Found in path(s):
```

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/Attributes.java No license file was found, but licenses were detected in source scan.

### /\*\*

- \* Encapsulate a general SAX error or warning.
- \*
- \* <blockquote>
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- \* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
- \* for further information.
- \* </blockquote>
- \*
- \* This class can contain basic error or warning information from
- \* either the XML parser or the application: a parser writer or
- \* application writer can subclass it to provide additional
- \* functionality. SAX handlers may throw this exception or
- \* any exception subclassed from it.
- \*
- \* If the application needs to pass through other types of
- \* exceptions, it must wrap those exceptions in a SAXException
- \* or an exception derived from a SAXException.
- \*
- \* If the parser or application needs to include information about a
- \* specific location in an XML document, it should use the
- \* {@link org.xml.sax.SAXParseException SAXParseException} subclass.
- \*
- \* @since SAX 1.0
- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)
- \* @see org.xml.sax.SAXParseException

```
*/
```

Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/SAXException.java No license file was found, but licenses were detected in source scan.

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/\*\*

\* Interface for reading an XML document using callbacks.

\*

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\* for further information.

\* </blockquote>

\*

\* <strong>Note:</strong> despite its name, this interface does

\* <em>not</em> extend the standard Java Reader

\* interface, because reading XML is a fundamentally different activity

\* than reading character data.

\*

\* XMLReader is the interface that an XML parser's SAX2 driver must

\* implement. This interface allows an application to set and

\* query features and properties in the parser, to register

\* event handlers for document processing, and to initiate

\* a document parse.

\*

- \* All SAX interfaces are assumed to be synchronous: the
- \* {@link #parse parse} methods must not return until parsing
- \* is complete, and readers must wait for an event-handler callback
- \* to return before reporting the next event.

\*

\* This interface replaces the (now deprecated) SAX 1.0 {@link

\* org.xml.sax.Parser Parser } interface. The XMLReader interface

\* contains two important enhancements over the old Parser

\* interface (as well as some minor ones):

```
*
```

\*

- $\ast$  it adds a standard way to query and set features and
- \* properties; and
- \* it adds Namespace support, which is required for many
- \* higher-level XML standards.
- \*

\*

\* There are adapters available to convert a SAX1 Parser to

\* a SAX2 XMLReader and vice-versa.

\*

```
* @since SAX 2.0
```

\* @author David Megginson

```
* @version 2.0.1+ (sax2r3pre1)
* @see org.xml.sax.XMLFilter
*/
```

Found in path(s):

\*/opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/XMLReader.java No license file was found, but licenses were detected in source scan.

/\*

```
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  */
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  * _____
  */
Found in path(s):
```

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/lang/MathLib.java

\*/opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/MathLib.java No license file was found, but licenses were detected in source scan.

```
/**
```

\* Default base class for handlers.

\* <blockquote>

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- \* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
- \* for further information.

\* </blockquote>

\*

- \* This class implements the default behaviour for four SAX1
- \* interfaces: EntityResolver, DTDHandler, DocumentHandler,
- $\ast$  and ErrorHandler. It is now obsolete, but is included in SAX2 to
- \* support legacy SAX1 applications. SAX2 applications should use
- \* the DefaultHandler class instead.
- \*
- \* Application writers can extend this class when they need to
- \* implement only part of an interface; parser writers can
- \* instantiate this class to provide default handlers when the
- \* application has not supplied its own.
- \*
- \* Note that the use of this class is optional.
- \*
- \* @deprecated This class works with the deprecated DocumentHandler
- \* interface. It has been replaced by the SAX2 DefaultHandler
- \* class.
- \* @since SAX 1.0
- \* @author David Megginson
- \* @version 2.0.1 (sax2r2)
- \* @see org.xml.sax.EntityResolver
- \* @see org.xml.sax.DTDHandler
- \* @see org.xml.sax.DocumentHandler
- \* @see org.xml.sax.ErrorHandler
- \*/

Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/HandlerBase.java No license file was found, but licenses were detected in source scan.

/\*\*

```
* Basic interface for SAX error handlers.
```

\*

```
* <blockquote>
```

- \* <em>This module, both source code and documentation, is in the
- \* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
- \* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
- \* for further information.
- \* </blockquote>

\*

- \* If a SAX application needs to implement customized error
- \* handling, it must implement this interface and then register an
- \* instance with the XML reader using the
- \* {@link org.xml.sax.XMLReader#setErrorHandler setErrorHandler}

```
* method. The parser will then report all errors and warnings
```

```
* through this interface.
```

\*

```
* <strong>WARNING:</strong> If an application does <em>not</em>
```

```
* register an ErrorHandler, XML parsing errors will go unreported,
```

\* except that <em>SAXParseException</em>s will be thrown for fatal errors.

\* In order to detect validity errors, an ErrorHandler that does something

```
* with {@link #error error()} calls must be registered.
```

\*

```
* For XML processing errors, a SAX driver must use this interface
```

\* in preference to throwing an exception: it is up to the application

\* to decide whether to throw an exception for different types of

\* errors and warnings. Note, however, that there is no requirement that

\* the parser continue to report additional errors after a call to

\* {@link #fatalError fatalError}. In other words, a SAX driver class

\* may throw an exception after reporting any fatalError.

```
* Also parsers may throw appropriate exceptions for non-XML errors.
```

\* For example, {@link XMLReader#parse XMLReader.parse()} would throw

\* an IOException for errors accessing entities or the document.

\*

\* @since SAX 1.0

- \* @author David Megginson
- \* @version 2.0.1+ (sax2r3pre1)
- \* @see org.xml.sax.XMLReader#setErrorHandler
- \* @see org.xml.sax.SAXParseException

\*/

Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/ErrorHandler.java No license file was found, but licenses were detected in source scan.

 $/\!/$  NO WARRANTY! This class is in the Public Domain.

/\*\*

\* Exception class for an unrecognized identifier.

\*

\* <blockquote>

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\* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>

\* for further information.

\* </blockquote>

\*

\* An XMLReader will throw this exception when it finds an

\* unrecognized feature or property identifier; SAX applications and

\* extensions may use this class for other, similar purposes.

\*

```
* @since SAX 2.0
```

\* @author David Megginson

```
* @version 2.0.1 (sax2r2)
```

\* @see org.xml.sax.SAXNotSupportedException

\*/

```
Found in path(s):
```

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2jar/org/xml/sax/SAXNotRecognizedException.java No license file was found, but licenses were detected in source scan.

/\*\*

\* A single input source for an XML entity.

\*

\* <blockquote>

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\* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>

\* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>

\* for further information.

\* </blockquote>

\*

\* This class allows a SAX application to encapsulate information

\* about an input source in a single object, which may include

\* a public identifier, a system identifier, a byte stream (possibly

\* with a specified encoding), and/or a character stream.

\*

\* There are two places that the application can deliver an

\* input source to the parser: as the argument to the Parser.parse

\* method, or as the return value of the EntityResolver.resolveEntity

\* method.

\*

\* The SAX parser will use the InputSource object to determine how

\* to read XML input. If there is a character stream available, the

\* parser will read that stream directly, disregarding any text

\* encoding declaration found in that stream.

\* If there is no character stream, but there is

\* a byte stream, the parser will use that byte stream, using the

\* encoding specified in the InputSource or else (if no encoding is

\* specified) autodetecting the character encoding using an algorithm

\* such as the one in the XML specification. If neither a character

\* stream nor a

\* byte stream is available, the parser will attempt to open a URI

\* connection to the resource identified by the system

\* identifier.

\*

 $\ast$  An InputSource object belongs to the application: the SAX parser

\* shall never modify it in any way (it may modify a copy if

\* necessary). However, standard processing of both byte and

\* character streams is to close them on as part of end-of-parse cleanup,

\* so applications should not attempt to re-use such streams after they

\* have been handed to a parser.

\*

\* @since SAX 1.0

\* @author David Megginson

\* @version 2.0.1 (sax2r2)

\* @see org.xml.sax.XMLReader#parse(org.xml.sax.InputSource)

\* @see org.xml.sax.EntityResolver#resolveEntity

\*/

Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/InputSource.java No license file was found, but licenses were detected in source scan.

// NO WARRANTY! This class is in the public domain.

/\*\*

\* Receive notification of the logical content of a document.

\*

\* <blockquote>

\* <em>This module, both source code and documentation, is in the

\* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>

\* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>

\* for further information.

\* </blockquote>

\*

\* This is the main interface that most SAX applications

\* implement: if the application needs to be informed of basic parsing

\* events, it implements this interface and registers an instance with

\* the SAX parser using the {@link org.xml.sax.XMLReader#setContentHandler

\* setContentHandler } method. The parser uses the instance to report

\* basic document-related events like the start and end of elements

\* and character data.

\*

\* The order of events in this interface is very important, and

\* mirrors the order of information in the document itself. For

\* example, all of an element's content (character data, processing

\* instructions, and/or subelements) will appear, in order, between

\* the startElement event and the corresponding endElement event.

\*

\* This interface is similar to the now-deprecated SAX 1.0

\* DocumentHandler interface, but it adds support for Namespaces

\* and for reporting skipped entities (in non-validating XML

\* processors).

\*

\* Implementors should note that there is also a

\* <code>ContentHandler</code> class in the <code>java.net</code>

\* package; that means that it's probably a bad idea to do

\*

import java.net.\*;

```
* import org.xml.sax.*;
* 
*
* In fact, "import ...*" is usually a sign of sloppy programming
* anyway, so the user should consider this a feature rather than a
* bug.
*
* @ since SAX 2.0
* @ author David Megginson
* @ version 2.0.1+ (sax2r3pre1)
* @ see org.xml.sax.XMLReader
* @ see org.xml.sax.DTDHandler
```

\* @see org.xml.sax.ErrorHandler

\*/

### Found in path(s):

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/ContentHandler.java No license file was found, but licenses were detected in source scan.

/\*

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\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/testing/AssertionException.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/xml/XMLSerializable.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/xml/QName.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/context/Context.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/context/ArrayFactory.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/ws/WebServiceClient.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/context/ArrayFactory.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/context/ImmortalContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/testing/TestCase.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/testing/TimeContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/ValueType.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/TestCase.java

```
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
```

jar/\_templates/javolution/testing/TestSuite.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/lang/Realtime.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/context/ImmortalContext.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/testing/TestContext.java

- \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/QName.java
- \* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/context/AllocatorContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/xml/XMLSerializable.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/context/AllocatorContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/xml/ws/WebServiceClient.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/TestSuite.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/testing/TimeContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/\_templates/javolution/lang/ValueType.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/testing/TestContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/context/SecurityContext.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

jar/javolution/testing/AssertionException.java

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-

 $jar/\_templates/javolution/context/SecurityContext.java$ 

\* /opt/cola/permits/1118987831\_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Realtime.java

# 1.209 thrift 0.14.0

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## 1.210 xmlsec 1.2.24

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http://www.aleksey.com/pipermail/xmlsec/2003/005488.html http://www.aleksey.com/pipermail/xmlsec/attachments/20030729/0e25648e/attachment.htm

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- \* Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
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- \* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}

\* version.

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

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

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

\* {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}

\* version.

\*

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

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

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/TypeReference.java No license file was found, but licenses were detected in source scan.

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

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

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

\* version.

\*

\* @param mv

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

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\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7jar/org/objectweb/asm/commons/JSRInlinerAdapter.java No license file was found, but licenses were detected in source scan.

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- \*/ /\*\*
  - \* Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
  - \* not use this constructor</i>. Instead, they must use the
  - \* {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
  - \* version.
  - \*

\* @param typeRef

- \* a reference to the annotated type. See { @link TypeReference }.
- \* @param typePath
- \* the path to the annotated type argument, wildcard bound, array
- \* element type, or static inner type within 'typeRef'. May be
- \* <tt>null</tt> if the annotation targets 'typeRef' as a whole.
- \* @param start
- \* the fist instructions corresponding to the continuous ranges
- \* that make the scope of this local variable (inclusive).
- \* @param end
- \* the last instructions corresponding to the continuous ranges
- \* that make the scope of this local variable (exclusive). This
- \* array must have the same size as the 'start' array.
- \* @param index
- \* the local variable's index in each range. This array must have
- \* the same size as the 'start' array.
- \* @param desc
- \* the class descriptor of the annotation class.
- \*/

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

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

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

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

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

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\* Constructs a new {@link Textifier}. <i>Subclasses must not use this

\* constructor</i>. Instead, they must use the {@link #Textifier(int)}

\* version.

\*

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

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

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

jar/org/objectweb/asm/tree/analysis/Value.java

- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Label.java
- $* / opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Item.java$
- \* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/commons/StaticInitMerger.java

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- jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
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jar/org/objectweb/asm/AnnotationVisitor.java

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- jar/org/object web/asm/commons/RemappingMethodAdapter.java
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jar/org/objectweb/asm/tree/analysis/Frame.java
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jar/org/objectweb/asm/tree/analysis/BasicValue.java

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jar/org/objectweb/asm/commons/Remapper.java

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jar/org/objectweb/asm/tree/VarInsnNode.java

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jar/org/objectweb/asm/commons/LocalVariablesSorter.java

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jar/org/objectweb/asm/tree/AnnotationNode.java

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

jar/org/objectweb/asm/tree/TypeInsnNode.java

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

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jar/org/objectweb/asm/commons/Method.java

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jar/org/objectweb/asm/tree/MethodNode.java

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

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jar/org/objectweb/asm/signature/SignatureWriter.java
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jar/org/objectweb/asm/tree/LocalVariableNode.java

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

jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java

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

jar/org/objectweb/asm/tree/analysis/BasicVerifier.java

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

jar/org/objectweb/asm/tree/FrameNode.java

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

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* /opt/cola/permits/1135840046 1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/ParameterNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/tree/InnerClassNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
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jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
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jar/org/objectweb/asm/tree/analysis/SourceValue.java
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jar/org/objectweb/asm/tree/IntInsnNode.java

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jar/org/objectweb/asm/commons/InstructionAdapter.java

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# 1.213 icu 60

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# github.com/kanyawtech/myanmar-karen-word-lists

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ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

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#

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## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, \*BSD)

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## Commands to generate dependency files
GEN\_DEPS.c= \$(CC) -E -MM \$(DEFS) \$(CPPFLAGS)
GEN\_DEPS.cc= \$(CXX) -E -MM \$(DEFS) \$(CPPFLAGS)

## Flags for position independent code SHAREDLIBCFLAGS = -fPIC SHAREDLIBCXXFLAGS = -fPIC SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads THREADSCPPFLAGS = -D\_REENTRANT LIBCPPFLAGS =

## Compiler switch to embed a runtime search path LD\_RPATH= LD\_RPATH\_PRE= -Wl,-rpath,

## Compiler switch to embed a library name LD\_SONAME = -Wl,-soname -Wl,\$(notdir \$(MIDDLE\_SO\_TARGET))

## Shared library options
LD\_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix

SO = so ## Non-shared intermediate object suffix STATIC\_O = ao

## Compilation rules
%.\$(STATIC\_O): \$(srcdir)/%.c
\$(COMPILE.c) \$(STATICCPPFLAGS) \$(STATICCFLAGS) -o \$@ \$<
%.o: \$(srcdir)/%.c
\$(COMPILE.c) \$(DYNAMICCPPFLAGS) \$(DYNAMICCFLAGS) -o \$@ \$<</pre>

%.\$(STATIC\_O): \$(srcdir)/%.cpp
\$(COMPILE.cc) \$(STATICCPPFLAGS) \$(STATICCXXFLAGS) -o \$@ \$<
%.o: \$(srcdir)/%.cpp
\$(COMPILE.cc) \$(DYNAMICCPPFLAGS) \$(DYNAMICCXXFLAGS) -o \$@ \$<</pre>

## Dependency rules %.d: \$(srcdir)/%.c @echo "generating dependency information for \$<" @\$(SHELL) -ec '\$(GEN\_DEPS.c) \$< \ | sed '\"s/\(\$\*\)\.o[ :]\*/\1.o \$@ : /g'\" > \$@; \ [ -s \$@ ] || rm -f \$@'

%.d: \$(srcdir)/%.cpp @echo "generating dependency information for \$<" @\$(SHELL) -ec '\$(GEN\_DEPS.cc) \$< \ | sed '\"s/\(\$\*\)\.o[ :]\*/\1.o \$@ : /g'\" > \$@; \ [ -s \$@ ] || rm -f \$@'

## Versioned libraries rules

%.\$(SO).\$(SO\_TARGET\_VERSION\_MAJOR): %.\$(SO).\$(SO\_TARGET\_VERSION) \$(RM) \$@ && ln -s \${<F} \$@ %.\$(SO): %.\$(SO).\$(SO\_TARGET\_VERSION\_MAJOR) \$(RM) \$@ && ln -s \${\*F}.\$(SO).\$(SO\_TARGET\_VERSION) \$@

## Bind internal references

# LDflags that pkgdata will use BIR\_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library BIR\_DEPS=

## Remove shared library 's'
STATIC\_PREFIX\_WHEN\_USED =
STATIC\_PREFIX =

## 1.214 jackson 2.9.9 1.214.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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# 1.215 request 2.68.0

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Version 2.0, January 2004

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# 1.216 antlr-runtime 4.7.1

## **1.217 python-lxml 4.6.3** 1.217.1 Available under license :

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1136206547_1613708859.62/0/parquet-hive-0-10-binding-1-10-1-sources-1-jar/org/apache/parquet/hive/internal/Hive010Binding.java
```

# 1.222 avro 1.7.7

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# 1.223 parse5 1.1.6

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