



☐

java.awt.KeyboardFocusManager	1
java.io.BufferedReader	1
java.io.UncheckedIOException NEW	3
java.lang.Boolean	4
java.lang.Byte	4
java.lang.Character	2
java.lang.Character.UnicodeBlock	11
<i>java.lang.CharSequence</i>	2
java.lang.Class	7
java.lang.Double	6
java.lang.Float	6
java.lang.Integer	13
java.lang.InternalError	2
<i>java.lang.Iterable</i>	2
java.lang.Long	12
java.lang.Math	19
java.lang.Package	3
java.lang.Process	3
java.lang.Short	4
java.lang.StrictMath	13

java.lang.String	2
java.lang.ThreadLocal	1
java.lang.VirtualMachineError	2
java.lang.annotation.ElementType	2
java.lang.annotation.Repeatable NEW	1
<i>java.lang.invoke.MethodHandleInfo</i> NEW	18
java.lang.invoke.MethodHandles	1
java.lang.invoke.MethodHandles.Lookup	1
java.lang.management.LockInfo	1
java.lang.reflect.AccessibleObject	3
<i>java.lang.reflect.AnnotatedArrayType</i> NEW	1
<i>java.lang.reflect.AnnotatedElement</i>	3
<i>java.lang.reflect.AnnotatedParameterizedType</i> NEW	1
<i>java.lang.reflect.AnnotatedType</i> NEW	1
<i>java.lang.reflect.AnnotatedTypeVariable</i> NEW	1
<i>java.lang.reflect.AnnotatedWildcardType</i> NEW	2
java.lang.reflect.Constructor	2
java.lang.reflect.Executable NEW	21
java.lang.reflect.Field	2
java.lang.reflect.MalformedParametersException NEW	1
java.lang.reflect.Method	2
java.lang.reflect.Modifier	1
java.lang.reflect.Parameter NEW	19
<i>java.lang.reflect.Type</i>	1

<i>java.lang.reflect.TypeVariable</i>	1
java.math.BigInteger	4
java.net.URLPermission NEW	6
java.nio.file.Files	10
java.nio.file.attribute.FileTime	2
java.security.AccessController	4
java.security.DomainLoadStoreParameter NEW	4
<i>java.security.KeyStore.Entry</i>	1
<i>java.security.KeyStore.Entry.Attribute</i> NEW	2
java.security.KeyStore.PasswordProtection	3
java.security.KeyStore.PrivateKeyEntry	2
java.security.KeyStore.SecretKeyEntry	2
java.security.KeyStore.TrustedCertificateEntry	2
java.security.PKCS12Attribute NEW	8
<i>java.security.Principal</i>	1
java.security.Provider	11
java.security.SecureRandom	1
java.security.cert.Certificate	1
java.security.cert.CertPathBuilder	1
java.security.cert.CertPathBuilderSpi	1
<i>java.security.cert.CertPathChecker</i> NEW	3
java.security.cert.CertPathValidator	1
java.security.cert.CertPathValidatorSpi	1
java.security.cert.PKIXRevocationChecker NEW	12

java.security.cert.X509Certificate	1
java.security.cert.X509CRL	1
java.sql.BatchUpdateException	2
<i>java.sql.CallableStatement</i>	8
<i>java.sql.DatabaseMetaData</i>	2
java.sql.Date	2
<i>java.sql.DriverAction</i> NEW	1
java.sql.DriverManager	1
java.sql.JDBCType NEW	6
<i>java.sql.PreparedStatement</i>	3
<i>java.sql.ResultSet</i>	4
<i>java.sql.SQLInput</i>	1
<i>java.sql.SQLOutput</i>	1
<i>java.sql.SQLType</i> NEW	3
<i>java.sql.Statement</i>	8
java.sql.Time	2
java.sql.Timestamp	4
java.sql.Types	3
java.time.Clock NEW	14
java.time.DateTimeException NEW	2
java.time.DayOfWeek NEW	14
java.time.Duration NEW	50
java.time.Instant NEW	39
java.time.LocalDate NEW	64

java.time.LocalDateTime	NEW	76
java.time.LocalTime	NEW	53
java.time.Month	NEW	19
java.time.MonthDay	NEW	29
java.time.OffsetDateTime	NEW	80
java.time.OffsetTime	NEW	53
java.time.Period	NEW	36
java.time.Year	NEW	41
java.time.YearMonth	NEW	44
java.time.ZonedDateTime	NEW	76
java.time.ZoneId	NEW	13
java.time.ZoneOffset	NEW	19
java.time.chrono.AbstractChronology	NEW	5
java.time.chrono.ChronoLocalDate	NEW	29
java.time.chrono.ChronoLocalDateTime	NEW	26
java.time.chrono.Chronology	NEW	30
java.time.chrono.ChronoPeriod	NEW	16
java.time.chrono.ChronoZonedDateTime	NEW	34
java.time.chrono.Era	NEW	8
java.time.chrono.HijrahChronology	NEW	20
java.time.chrono.HijrahDate	NEW	26
java.time.chrono.HijrahEra	NEW	5
java.time.chrono.IsoChronology	NEW	21

java.time.chrono.IsoEra NEW	4
java.time.chrono.JapaneseChronology NEW	20
java.time.chrono.JapaneseDate NEW	26
java.time.chrono.JapaneseEra NEW	6
java.time.chrono.MinguoChronology NEW	20
java.time.chrono.MinguoDate NEW	23
java.time.chrono.MinguoEra NEW	4
java.time.chrono.ThaiBuddhistChronology NEW	20
java.time.chrono.ThaiBuddhistDate NEW	23
java.time.chrono.ThaiBuddhistEra NEW	4
java.time.format.DateTimeFormatter NEW	31
java.time.format.DateTimeFormatterBuilder NEW	39
java.time.format.DateTimeParseException NEW	4
java.time.format.DecimalStyle NEW	14
java.time.format.FormatStyle NEW	2
java.time.format.ResolverStyle NEW	2
java.time.format.SignStyle NEW	2
java.time.temporal.ChronoField NEW	15
java.time.temporal.ChronoUnit NEW	10
<i>java.time.temporal.Temporal</i> NEW	8
<i>java.time.temporal.TemporalAccessor</i> NEW	5
<i>java.time.temporal.TemporalAdjuster</i> NEW	1
java.time.temporal.TemporalAdjusters NEW	14
<i>java.time.temporal.TemporalAmount</i> NEW	4

<i>java.time.temporal.TemporalField</i> NEW	12
java.time.temporal.TemporalQueries NEW	7
<i>java.time.temporal.TemporalQuery</i> NEW	1
<i>java.time.temporal.TemporalUnit</i> NEW	8
java.time.temporal.UnsupportedTemporalTypeException NEW	2
java.time.temporal.ValueRange NEW	16
java.time.temporal.WeekFields NEW	12
java.time.zone.ZoneOffsetTransition NEW	15
java.time.zone.ZoneOffsetTransitionRule NEW	14
java.time.zone.ZoneRules NEW	18
java.time.zone.ZoneRulesException NEW	2
java.time.zone.ZoneRulesProvider NEW	9
java.util.ArrayDeque	1
java.util.ArrayList	1
java.util.Arrays	50
java.util.Base64 NEW	7
java.util.Base64.Decoder NEW	5
java.util.Base64.Encoder NEW	6
java.util.BitSet	1
java.util.Calendar	9
java.util.Calendar.Builder NEW	14
<i>java.util.Collection</i>	4
java.util.Collections	11
<i>java.util.Comparator</i>	16

java.util.Date	2
java.util.DoubleSummaryStatistics NEW	8
java.util.GregorianCalendar	3
java.util.HashSet	1
java.util.IntSummaryStatistics NEW	8
<i>java.util.Iterator</i>	1
java.util.LinkedHashSet	1
java.util.LinkedList	1
<i>java.util.List</i>	3
java.util.Locale	8
java.util.Locale.FilteringMode NEW	2
java.util.Locale.LanguageRange NEW	11
java.util.LongSummaryStatistics NEW	9
<i>java.util.Map</i>	11
<i>java.util.Map.Entry</i>	4
java.util.Objects	3
java.util.Optional NEW	15
java.util.OptionalDouble NEW	11
java.util.OptionalInt NEW	11
java.util.OptionalLong NEW	11
<i>java.util.PrimitiveIterator</i> NEW	1
<i>java.util.PrimitiveIterator.OfDouble</i> NEW	4
<i>java.util.PrimitiveIterator.OfInt</i> NEW	4
<i>java.util.PrimitiveIterator.OfLong</i> NEW	4

java.util.PriorityQueue	2
java.util.Random	12
java.util.ResourceBundle	1
<i>java.util.Set</i>	1
<i>java.util.SortedSet</i>	1
<i>java.util.Spliterator</i> NEW	16
<i>java.util.Spliterator.OfDouble</i> NEW	5
<i>java.util.Spliterator.OfInt</i> NEW	5
<i>java.util.Spliterator.OfLong</i> NEW	5
<i>java.util.Spliterator.OfPrimitive</i> NEW	3
java.util.Spliterators NEW	25
java.util.Spliterators.AbstractDoubleSpliterator NEW	4
java.util.Spliterators.AbstractIntSpliterator NEW	4
java.util.Spliterators.AbstractLongSpliterator NEW	4
java.util.Spliterators.AbstractSpliterator NEW	4
java.util.SplittableRandom NEW	24
java.util.StringJoiner NEW	7
java.util.TimeZone	2
java.util.TreeSet	1
java.util.Vector	1
java.util.concurrent.ArrayBlockingQueue	1
java.util.concurrent.CompletableFuture NEW	59
java.util.concurrent.CompletionException NEW	3

<i>java.util.concurrent.CompletionStage</i> NEW	38
java.util.concurrent.ConcurrentHashMap	34
java.util.concurrent.ConcurrentHashMap.KeySetView NEW	20
java.util.concurrent.ConcurrentLinkedDeque	1
java.util.concurrent.ConcurrentLinkedQueue	1
<i>java.util.concurrent.ConcurrentMap</i>	7
java.util.concurrent.ConcurrentSkipListMap	5
java.util.concurrent.ConcurrentSkipListSet	1
java.util.concurrent.CopyOnWriteArrayList	1
java.util.concurrent.CopyOnWriteArraySet	1
java.util.concurrent.CountedCompleter NEW	18
java.util.concurrent.Executors	2
java.util.concurrent.ForkJoinPool	2
java.util.concurrent.ForkJoinTask	4
java.util.concurrent.LinkedBlockingDeque	1
java.util.concurrent.LinkedBlockingQueue	1
java.util.concurrent.LinkedTransferQueue	1
java.util.concurrent.PriorityBlockingQueue	1
java.util.concurrent.SynchronousQueue	1
java.util.concurrent.ThreadLocalRandom	12
java.util.concurrent.atomic.AtomicInteger	4
java.util.concurrent.atomic.AtomicIntegerArray	4
java.util.concurrent.atomic.AtomicIntegerFieldUpdater	4
java.util.concurrent.atomic.AtomicLong	4

java.util.concurrent.atomic.AtomicLongArray	4
java.util.concurrent.atomic.AtomicLongFieldUpdater	4
java.util.concurrent.atomic.AtomicReference	4
java.util.concurrent.atomic.AtomicReferenceArray	4
java.util.concurrent.atomic.AtomicReferenceFieldUpdater	4
java.util.concurrent.atomic.DoubleAccumulator NEW	9
java.util.concurrent.atomic.DoubleAdder NEW	8
java.util.concurrent.atomic.LongAccumulator NEW	9
java.util.concurrent.atomic.LongAdder NEW	8
java.util.concurrent.locks.StampedLock NEW	25
<i>java.util.function.BiConsumer</i> NEW	2
<i>java.util.function.BiFunction</i> NEW	2
<i>java.util.function.BinaryOperator</i> NEW	2
<i>java.util.function.BiPredicate</i> NEW	4
<i>java.util.function.BooleanSupplier</i> NEW	1
<i>java.util.function.Consumer</i> NEW	2
<i>java.util.function.DoubleBinaryOperator</i> NEW	1
<i>java.util.function.DoubleConsumer</i> NEW	2
<i>java.util.function.DoubleFunction</i> NEW	1
<i>java.util.function.DoublePredicate</i> NEW	4
<i>java.util.function.DoubleSupplier</i> NEW	1
<i>java.util.function.DoubleToIntFunction</i> NEW	1
<i>java.util.function.DoubleToLongFunction</i> NEW	1
<i>java.util.function.DoubleUnaryOperator</i> NEW	4

<i>java.util.function.Function</i> NEW	4
<i>java.util.function.IntBinaryOperator</i> NEW	1
<i>java.util.function.IntConsumer</i> NEW	2
<i>java.util.function.IntFunction</i> NEW	1
<i>java.util.function.IntPredicate</i> NEW	4
<i>java.util.function.IntSupplier</i> NEW	1
<i>java.util.function.IntToDoubleFunction</i> NEW	1
<i>java.util.function.IntToLongFunction</i> NEW	1
<i>java.util.function.IntUnaryOperator</i> NEW	4
<i>java.util.function.LongBinaryOperator</i> NEW	1
<i>java.util.function.LongConsumer</i> NEW	2
<i>java.util.function.LongFunction</i> NEW	1
<i>java.util.function.LongPredicate</i> NEW	4
<i>java.util.function.LongSupplier</i> NEW	1
<i>java.util.function.LongToDoubleFunction</i> NEW	1
<i>java.util.function.LongToIntFunction</i> NEW	1
<i>java.util.function.LongUnaryOperator</i> NEW	4
<i>java.util.function.ObjDoubleConsumer</i> NEW	1
<i>java.util.function.ObjIntConsumer</i> NEW	1
<i>java.util.function.ObjLongConsumer</i> NEW	1
<i>java.util.function.Predicate</i> NEW	5
<i>java.util.function.Supplier</i> NEW	1
<i>java.util.function.ToDoubleBiFunction</i> NEW	1
<i>java.util.function.ToDoubleFunction</i> NEW	1

<i>java.util.function.ToIntBiFunction</i> NEW	1
<i>java.util.function.ToIntFunction</i> NEW	1
<i>java.util.function.ToLongBiFunction</i> NEW	1
<i>java.util.function.ToLongFunction</i> NEW	1
<i>java.util.function.UnaryOperator</i> NEW	1
java.util.logging.Logger	13
java.util.regex.Matcher	2
java.util.regex.Pattern	2
java.util.spi.CalendarDataProvider NEW	2
java.util.spi.CalendarNameProvider NEW	2
java.util.spi.LocaleServiceProvider	1
<i>java.util.spi.ResourceBundleControlProvider</i> NEW	1
java.util.spi.TimeZoneNameProvider	1
<i>java.util.stream.BaseStream</i> NEW	8
<i>java.util.stream.Collector</i> NEW	7
java.util.stream.Collectors NEW	37
<i>java.util.stream.DoubleStream</i> NEW	40
<i>java.util.stream.DoubleStream.Builder</i> NEW	3
<i>java.util.stream.IntStream</i> NEW	44
<i>java.util.stream.IntStream.Builder</i> NEW	3
<i>java.util.stream.LongStream</i> NEW	43
<i>java.util.stream.LongStream.Builder</i> NEW	3
<i>java.util.stream.Stream</i> NEW	39

<i>java.util.stream.Stream.Builder</i> NEW	3
java.util.stream.StreamSupport NEW	8
java.util.zip.Adler32	1
java.util.zip.CRC32	1
java.util.zip.ZipEntry	6
java.util.zip.ZipFile	1
javax.crypto.spec.PBEParameterSpec	2
<i>javax.lang.model.AnnotatedConstruct</i> NEW	3
javax.lang.model.SourceVersion	1
<i>javax.lang.model.element.ExecutableElement</i>	2
javax.lang.model.element.Modifier	1
<i>javax.lang.model.type.ExecutableType</i>	1
<i>javax.lang.model.type.IntersectionType</i> NEW	1
javax.lang.model.type.TypeKind	1
<i>javax.lang.model.type.TypeVisitor</i>	1
javax.lang.model.util.AbstractTypeVisitor6	1
javax.lang.model.util.AbstractTypeVisitor8 NEW	1
javax.lang.model.util.ElementKindVisitor8 NEW	1
<i>javax.lang.model.util.Elements</i>	1
javax.lang.model.util.ElementScanner8 NEW	1
javax.lang.model.util.SimpleAnnotationValueVisitor8 NEW	1
javax.lang.model.util.SimpleElementVisitor8 NEW	1
javax.lang.model.util.SimpleTypeVisitor8 NEW	2
javax.lang.model.util.TypeKindVisitor8 NEW	2

javax.net.ssl.ExtendedSSLSession	1
javax.net.ssl.SNIHostName NEW	7
javax.net.ssl.SNIMatcher NEW	3
javax.net.ssl.SNIServerName NEW	6
javax.net.ssl.SSLParameters	6
javax.net.ssl.SSLSocketFactory	1
javax.net.ssl.StandardConstants NEW	1
javax.security.auth.kerberos.KeyTab	6
javax.tools.StandardLocation	1
javax.xml.validation.SchemaFactoryConfigurationError NEW	3

Found an interesting new class? Contact me on Twitter (<https://twitter.com/benontherun>), Google+ (<https://plus.google.com/105973259367211176218/posts>) or GitHub (<https://github.com/winterbe>). I would like to hear your feedback!

This page shows all new types and methods from the new Java Version 8. The content is based on the Java™ Platform Standard Ed. 8 API (<http://docs.oracle.com/javase/8/docs/api/>) released on 2014-03-17 (Copyright © 1993, 2014, Oracle (<http://www.oracle.com/>) and/or its affiliates).