| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV**](http://docs.google.com/java/io/package-tree.html)   [**NEXT**](http://docs.google.com/java/lang/annotation/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

Hierarchy For Package java.lang

**Package Hierarchies:**[All Packages](http://docs.google.com/overview-tree.html)

## Class Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + java.lang.[**Boolean**](http://docs.google.com/java/lang/Boolean.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>, java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.lang.[**Character**](http://docs.google.com/java/lang/Character.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>, java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.lang.[**Character.Subset**](http://docs.google.com/java/lang/Character.Subset.html)
    - java.lang.[**Character.UnicodeBlock**](http://docs.google.com/java/lang/Character.UnicodeBlock.html)
  + java.lang.[**Class**](http://docs.google.com/java/lang/Class.html)<T> (implements java.lang.reflect.[AnnotatedElement](http://docs.google.com/java/lang/reflect/AnnotatedElement.html), java.lang.reflect.[GenericDeclaration](http://docs.google.com/java/lang/reflect/GenericDeclaration.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html), java.lang.reflect.[Type](http://docs.google.com/java/lang/reflect/Type.html))
  + java.lang.[**ClassLoader**](http://docs.google.com/java/lang/ClassLoader.html)
  + java.lang.[**Compiler**](http://docs.google.com/java/lang/Compiler.html)
  + java.lang.[**Enum**](http://docs.google.com/java/lang/Enum.html)<E> (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>, java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.lang.[**Math**](http://docs.google.com/java/lang/Math.html)
  + java.lang.[**Number**](http://docs.google.com/java/lang/Number.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Byte**](http://docs.google.com/java/lang/Byte.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.lang.[**Double**](http://docs.google.com/java/lang/Double.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.lang.[**Float**](http://docs.google.com/java/lang/Float.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.lang.[**Integer**](http://docs.google.com/java/lang/Integer.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.lang.[**Long**](http://docs.google.com/java/lang/Long.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
    - java.lang.[**Short**](http://docs.google.com/java/lang/Short.html) (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>)
  + java.lang.[**Package**](http://docs.google.com/java/lang/Package.html) (implements java.lang.reflect.[AnnotatedElement](http://docs.google.com/java/lang/reflect/AnnotatedElement.html))
  + java.security.[**Permission**](http://docs.google.com/java/security/Permission.html) (implements java.security.[Guard](http://docs.google.com/java/security/Guard.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.security.[**BasicPermission**](http://docs.google.com/java/security/BasicPermission.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
      * java.lang.[**RuntimePermission**](http://docs.google.com/java/lang/RuntimePermission.html)
  + java.lang.[**Process**](http://docs.google.com/java/lang/Process.html)
  + java.lang.[**ProcessBuilder**](http://docs.google.com/java/lang/ProcessBuilder.html)
  + java.lang.[**Runtime**](http://docs.google.com/java/lang/Runtime.html)
  + java.lang.[**SecurityManager**](http://docs.google.com/java/lang/SecurityManager.html)
  + java.lang.[**StackTraceElement**](http://docs.google.com/java/lang/StackTraceElement.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.lang.[**StrictMath**](http://docs.google.com/java/lang/StrictMath.html)
  + java.lang.[**String**](http://docs.google.com/java/lang/String.html) (implements java.lang.[CharSequence](http://docs.google.com/java/lang/CharSequence.html), java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>, java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.lang.[**StringBuffer**](http://docs.google.com/java/lang/StringBuffer.html) (implements java.lang.[CharSequence](http://docs.google.com/java/lang/CharSequence.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.lang.[**StringBuilder**](http://docs.google.com/java/lang/StringBuilder.html) (implements java.lang.[CharSequence](http://docs.google.com/java/lang/CharSequence.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.lang.[**System**](http://docs.google.com/java/lang/System.html)
  + java.lang.[**Thread**](http://docs.google.com/java/lang/Thread.html) (implements java.lang.[Runnable](http://docs.google.com/java/lang/Runnable.html))
  + java.lang.[**ThreadGroup**](http://docs.google.com/java/lang/ThreadGroup.html) (implements java.lang.[Thread.UncaughtExceptionHandler](http://docs.google.com/java/lang/Thread.UncaughtExceptionHandler.html))
  + java.lang.[**ThreadLocal**](http://docs.google.com/java/lang/ThreadLocal.html)<T>
    - java.lang.[**InheritableThreadLocal**](http://docs.google.com/java/lang/InheritableThreadLocal.html)<T>
  + java.lang.[**Throwable**](http://docs.google.com/java/lang/Throwable.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Error**](http://docs.google.com/java/lang/Error.html)
      * java.lang.[**AssertionError**](http://docs.google.com/java/lang/AssertionError.html)
      * java.lang.[**LinkageError**](http://docs.google.com/java/lang/LinkageError.html)
        + java.lang.[**ClassCircularityError**](http://docs.google.com/java/lang/ClassCircularityError.html)
        + java.lang.[**ClassFormatError**](http://docs.google.com/java/lang/ClassFormatError.html)

java.lang.[**UnsupportedClassVersionError**](http://docs.google.com/java/lang/UnsupportedClassVersionError.html)

* + - * + java.lang.[**ExceptionInInitializerError**](http://docs.google.com/java/lang/ExceptionInInitializerError.html)
        + java.lang.[**IncompatibleClassChangeError**](http://docs.google.com/java/lang/IncompatibleClassChangeError.html)

java.lang.[**AbstractMethodError**](http://docs.google.com/java/lang/AbstractMethodError.html)

java.lang.[**IllegalAccessError**](http://docs.google.com/java/lang/IllegalAccessError.html)

java.lang.[**InstantiationError**](http://docs.google.com/java/lang/InstantiationError.html)

java.lang.[**NoSuchFieldError**](http://docs.google.com/java/lang/NoSuchFieldError.html)

java.lang.[**NoSuchMethodError**](http://docs.google.com/java/lang/NoSuchMethodError.html)

* + - * + java.lang.[**NoClassDefFoundError**](http://docs.google.com/java/lang/NoClassDefFoundError.html)
        + java.lang.[**UnsatisfiedLinkError**](http://docs.google.com/java/lang/UnsatisfiedLinkError.html)
        + java.lang.[**VerifyError**](http://docs.google.com/java/lang/VerifyError.html)
      * java.lang.[**ThreadDeath**](http://docs.google.com/java/lang/ThreadDeath.html)
      * java.lang.[**VirtualMachineError**](http://docs.google.com/java/lang/VirtualMachineError.html)
        + java.lang.[**InternalError**](http://docs.google.com/java/lang/InternalError.html)
        + java.lang.[**OutOfMemoryError**](http://docs.google.com/java/lang/OutOfMemoryError.html)
        + java.lang.[**StackOverflowError**](http://docs.google.com/java/lang/StackOverflowError.html)
        + java.lang.[**UnknownError**](http://docs.google.com/java/lang/UnknownError.html)
    - java.lang.[**Exception**](http://docs.google.com/java/lang/Exception.html)
      * java.lang.[**ClassNotFoundException**](http://docs.google.com/java/lang/ClassNotFoundException.html)
      * java.lang.[**CloneNotSupportedException**](http://docs.google.com/java/lang/CloneNotSupportedException.html)
      * java.lang.[**IllegalAccessException**](http://docs.google.com/java/lang/IllegalAccessException.html)
      * java.lang.[**InstantiationException**](http://docs.google.com/java/lang/InstantiationException.html)
      * java.lang.[**InterruptedException**](http://docs.google.com/java/lang/InterruptedException.html)
      * java.lang.[**NoSuchFieldException**](http://docs.google.com/java/lang/NoSuchFieldException.html)
      * java.lang.[**NoSuchMethodException**](http://docs.google.com/java/lang/NoSuchMethodException.html)
      * java.lang.[**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html)
        + java.lang.[**ArithmeticException**](http://docs.google.com/java/lang/ArithmeticException.html)
        + java.lang.[**ArrayStoreException**](http://docs.google.com/java/lang/ArrayStoreException.html)
        + java.lang.[**ClassCastException**](http://docs.google.com/java/lang/ClassCastException.html)
        + java.lang.[**EnumConstantNotPresentException**](http://docs.google.com/java/lang/EnumConstantNotPresentException.html)
        + java.lang.[**IllegalArgumentException**](http://docs.google.com/java/lang/IllegalArgumentException.html)

java.lang.[**IllegalThreadStateException**](http://docs.google.com/java/lang/IllegalThreadStateException.html)

java.lang.[**NumberFormatException**](http://docs.google.com/java/lang/NumberFormatException.html)

* + - * + java.lang.[**IllegalMonitorStateException**](http://docs.google.com/java/lang/IllegalMonitorStateException.html)
        + java.lang.[**IllegalStateException**](http://docs.google.com/java/lang/IllegalStateException.html)
        + java.lang.[**IndexOutOfBoundsException**](http://docs.google.com/java/lang/IndexOutOfBoundsException.html)

java.lang.[**ArrayIndexOutOfBoundsException**](http://docs.google.com/java/lang/ArrayIndexOutOfBoundsException.html)

java.lang.[**StringIndexOutOfBoundsException**](http://docs.google.com/java/lang/StringIndexOutOfBoundsException.html)

* + - * + java.lang.[**NegativeArraySizeException**](http://docs.google.com/java/lang/NegativeArraySizeException.html)
        + java.lang.[**NullPointerException**](http://docs.google.com/java/lang/NullPointerException.html)
        + java.lang.[**SecurityException**](http://docs.google.com/java/lang/SecurityException.html)
        + java.lang.[**TypeNotPresentException**](http://docs.google.com/java/lang/TypeNotPresentException.html)
        + java.lang.[**UnsupportedOperationException**](http://docs.google.com/java/lang/UnsupportedOperationException.html)
  + java.lang.[**Void**](http://docs.google.com/java/lang/Void.html)

## Interface Hierarchy

* java.lang.[**Appendable**](http://docs.google.com/java/lang/Appendable.html)
* java.lang.[**CharSequence**](http://docs.google.com/java/lang/CharSequence.html)
* java.lang.[**Cloneable**](http://docs.google.com/java/lang/Cloneable.html)
* java.lang.[**Comparable**](http://docs.google.com/java/lang/Comparable.html)<T>
* java.lang.[**Iterable**](http://docs.google.com/java/lang/Iterable.html)<T>
* java.lang.[**Readable**](http://docs.google.com/java/lang/Readable.html)
* java.lang.[**Runnable**](http://docs.google.com/java/lang/Runnable.html)
* java.lang.[**Thread.UncaughtExceptionHandler**](http://docs.google.com/java/lang/Thread.UncaughtExceptionHandler.html)

## Annotation Type Hierarchy

* java.lang.[**Deprecated**](http://docs.google.com/java/lang/Deprecated.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* java.lang.[**Override**](http://docs.google.com/java/lang/Override.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))
* java.lang.[**SuppressWarnings**](http://docs.google.com/java/lang/SuppressWarnings.html) (implements java.lang.annotation.[Annotation](http://docs.google.com/java/lang/annotation/Annotation.html))

## Enum Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + java.lang.[**Enum**](http://docs.google.com/java/lang/Enum.html)<E> (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>, java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Thread.State**](http://docs.google.com/java/lang/Thread.State.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV**](http://docs.google.com/java/io/package-tree.html)   [**NEXT**](http://docs.google.com/java/lang/annotation/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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