| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RuntimeException.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**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 CLASS**](http://docs.google.com/java/lang/Runtime.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/RuntimePermission.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/RuntimeException.html)    [**NO FRAMES**](http://docs.google.com/RuntimeException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | METHOD |

## **java.lang**

Class RuntimeException

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Throwable](http://docs.google.com/java/lang/Throwable.html)  
 [java.lang.Exception](http://docs.google.com/java/lang/Exception.html)  
 **java.lang.RuntimeException**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Direct Known Subclasses:** [AnnotationTypeMismatchException](http://docs.google.com/java/lang/annotation/AnnotationTypeMismatchException.html), [ArithmeticException](http://docs.google.com/java/lang/ArithmeticException.html), [ArrayStoreException](http://docs.google.com/java/lang/ArrayStoreException.html), [BufferOverflowException](http://docs.google.com/java/nio/BufferOverflowException.html), [BufferUnderflowException](http://docs.google.com/java/nio/BufferUnderflowException.html), [CannotRedoException](http://docs.google.com/javax/swing/undo/CannotRedoException.html), [CannotUndoException](http://docs.google.com/javax/swing/undo/CannotUndoException.html), [ClassCastException](http://docs.google.com/java/lang/ClassCastException.html), [CMMException](http://docs.google.com/java/awt/color/CMMException.html), [ConcurrentModificationException](http://docs.google.com/java/util/ConcurrentModificationException.html), [DOMException](http://docs.google.com/org/w3c/dom/DOMException.html), [EmptyStackException](http://docs.google.com/java/util/EmptyStackException.html), [EnumConstantNotPresentException](http://docs.google.com/java/lang/EnumConstantNotPresentException.html), [EventException](http://docs.google.com/org/w3c/dom/events/EventException.html), [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html), [IllegalMonitorStateException](http://docs.google.com/java/lang/IllegalMonitorStateException.html), [IllegalPathStateException](http://docs.google.com/java/awt/geom/IllegalPathStateException.html), [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html), [ImagingOpException](http://docs.google.com/java/awt/image/ImagingOpException.html), [IncompleteAnnotationException](http://docs.google.com/java/lang/annotation/IncompleteAnnotationException.html), [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html), [JMRuntimeException](http://docs.google.com/javax/management/JMRuntimeException.html), [LSException](http://docs.google.com/org/w3c/dom/ls/LSException.html), [MalformedParameterizedTypeException](http://docs.google.com/java/lang/reflect/MalformedParameterizedTypeException.html), [MirroredTypeException](http://docs.google.com/javax/lang/model/type/MirroredTypeException.html), [MirroredTypesException](http://docs.google.com/javax/lang/model/type/MirroredTypesException.html), [MissingResourceException](http://docs.google.com/java/util/MissingResourceException.html), [NegativeArraySizeException](http://docs.google.com/java/lang/NegativeArraySizeException.html), [NoSuchElementException](http://docs.google.com/java/util/NoSuchElementException.html), [NoSuchMechanismException](http://docs.google.com/javax/xml/crypto/NoSuchMechanismException.html), [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html), [ProfileDataException](http://docs.google.com/java/awt/color/ProfileDataException.html), [ProviderException](http://docs.google.com/java/security/ProviderException.html), [RasterFormatException](http://docs.google.com/java/awt/image/RasterFormatException.html), [RejectedExecutionException](http://docs.google.com/java/util/concurrent/RejectedExecutionException.html), [SecurityException](http://docs.google.com/java/lang/SecurityException.html), [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html), [TypeConstraintException](http://docs.google.com/javax/xml/bind/TypeConstraintException.html), [TypeNotPresentException](http://docs.google.com/java/lang/TypeNotPresentException.html), [UndeclaredThrowableException](http://docs.google.com/java/lang/reflect/UndeclaredThrowableException.html), [UnknownAnnotationValueException](http://docs.google.com/javax/lang/model/element/UnknownAnnotationValueException.html), [UnknownElementException](http://docs.google.com/javax/lang/model/element/UnknownElementException.html), [UnknownTypeException](http://docs.google.com/javax/lang/model/type/UnknownTypeException.html), [UnmodifiableSetException](http://docs.google.com/javax/print/attribute/UnmodifiableSetException.html), [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html), [WebServiceException](http://docs.google.com/javax/xml/ws/WebServiceException.html)

public class **RuntimeException**extends [Exception](http://docs.google.com/java/lang/Exception.html)

RuntimeException is the superclass of those exceptions that can be thrown during the normal operation of the Java Virtual Machine.

A method is not required to declare in its throws clause any subclasses of RuntimeException that might be thrown during the execution of the method but not caught.

**Since:** JDK1.0 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.lang.RuntimeException)

| **Constructor Summary** | |
| --- | --- |
| [**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html#RuntimeException())()            Constructs a new runtime exception with null as its detail message. |
| [**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html#RuntimeException(java.lang.String))([String](http://docs.google.com/java/lang/String.html) message)            Constructs a new runtime exception with the specified detail message. |
| [**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html#RuntimeException(java.lang.String,%20java.lang.Throwable))([String](http://docs.google.com/java/lang/String.html) message, [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a new runtime exception with the specified detail message and cause. |
| [**RuntimeException**](http://docs.google.com/java/lang/RuntimeException.html#RuntimeException(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a new runtime exception with the specified cause and a detail message of (cause==null ? null : cause.toString()) (which typically contains the class and detail message of cause). |

| **Method Summary** | |
| --- | --- |

| **Methods inherited from class java.lang.**[**Throwable**](http://docs.google.com/java/lang/Throwable.html) |
| --- |
| [fillInStackTrace](http://docs.google.com/java/lang/Throwable.html#fillInStackTrace()), [getCause](http://docs.google.com/java/lang/Throwable.html#getCause()), [getLocalizedMessage](http://docs.google.com/java/lang/Throwable.html#getLocalizedMessage()), [getMessage](http://docs.google.com/java/lang/Throwable.html#getMessage()), [getStackTrace](http://docs.google.com/java/lang/Throwable.html#getStackTrace()), [initCause](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace()), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintStream)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintWriter)), [setStackTrace](http://docs.google.com/java/lang/Throwable.html#setStackTrace(java.lang.StackTraceElement%5B%5D)), [toString](http://docs.google.com/java/lang/Throwable.html#toString()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### RuntimeException

public **RuntimeException**()

Constructs a new runtime exception with null as its detail message. The cause is not initialized, and may subsequently be initialized by a call to [Throwable.initCause(java.lang.Throwable)](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)).

### RuntimeException

public **RuntimeException**([String](http://docs.google.com/java/lang/String.html) message)

Constructs a new runtime exception with the specified detail message. The cause is not initialized, and may subsequently be initialized by a call to [Throwable.initCause(java.lang.Throwable)](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)).

**Parameters:**message - the detail message. The detail message is saved for later retrieval by the [Throwable.getMessage()](http://docs.google.com/java/lang/Throwable.html#getMessage()) method.

### RuntimeException

public **RuntimeException**([String](http://docs.google.com/java/lang/String.html) message,  
 [Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

Constructs a new runtime exception with the specified detail message and cause.

Note that the detail message associated with cause is *not* automatically incorporated in this runtime exception's detail message.

**Parameters:**message - the detail message (which is saved for later retrieval by the [Throwable.getMessage()](http://docs.google.com/java/lang/Throwable.html#getMessage()) method).cause - the cause (which is saved for later retrieval by the [Throwable.getCause()](http://docs.google.com/java/lang/Throwable.html#getCause()) method). (A null value is permitted, and indicates that the cause is nonexistent or unknown.)**Since:** 1.4

### RuntimeException

public **RuntimeException**([Throwable](http://docs.google.com/java/lang/Throwable.html) cause)

Constructs a new runtime exception with the specified cause and a detail message of (cause==null ? null : cause.toString()) (which typically contains the class and detail message of cause). This constructor is useful for runtime exceptions that are little more than wrappers for other throwables.

**Parameters:**cause - the cause (which is saved for later retrieval by the [Throwable.getCause()](http://docs.google.com/java/lang/Throwable.html#getCause()) method). (A null value is permitted, and indicates that the cause is nonexistent or unknown.)**Since:** 1.4

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RuntimeException.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**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 CLASS**](http://docs.google.com/java/lang/Runtime.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/RuntimePermission.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/RuntimeException.html)    [**NO FRAMES**](http://docs.google.com/RuntimeException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | METHOD |

[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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