| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Exception.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/Error.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/ExceptionInInitializerError.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/Exception.html)    [**NO FRAMES**](http://docs.google.com/Exception.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 Exception

[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**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Direct Known Subclasses:** [AclNotFoundException](http://docs.google.com/java/security/acl/AclNotFoundException.html), [ActivationException](http://docs.google.com/java/rmi/activation/ActivationException.html), [AlreadyBoundException](http://docs.google.com/java/rmi/AlreadyBoundException.html), [ApplicationException](http://docs.google.com/org/omg/CORBA/portable/ApplicationException.html), [AWTException](http://docs.google.com/java/awt/AWTException.html), [BackingStoreException](http://docs.google.com/java/util/prefs/BackingStoreException.html), [BadAttributeValueExpException](http://docs.google.com/javax/management/BadAttributeValueExpException.html), [BadBinaryOpValueExpException](http://docs.google.com/javax/management/BadBinaryOpValueExpException.html), [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html), [BadStringOperationException](http://docs.google.com/javax/management/BadStringOperationException.html), [BrokenBarrierException](http://docs.google.com/java/util/concurrent/BrokenBarrierException.html), [CertificateException](http://docs.google.com/javax/security/cert/CertificateException.html), [ClassNotFoundException](http://docs.google.com/java/lang/ClassNotFoundException.html), [CloneNotSupportedException](http://docs.google.com/java/lang/CloneNotSupportedException.html), [DataFormatException](http://docs.google.com/java/util/zip/DataFormatException.html), [DatatypeConfigurationException](http://docs.google.com/javax/xml/datatype/DatatypeConfigurationException.html), [DestroyFailedException](http://docs.google.com/javax/security/auth/DestroyFailedException.html), [ExecutionException](http://docs.google.com/java/util/concurrent/ExecutionException.html), [ExpandVetoException](http://docs.google.com/javax/swing/tree/ExpandVetoException.html), [FontFormatException](http://docs.google.com/java/awt/FontFormatException.html), [GeneralSecurityException](http://docs.google.com/java/security/GeneralSecurityException.html), [GSSException](http://docs.google.com/org/ietf/jgss/GSSException.html), [IllegalAccessException](http://docs.google.com/java/lang/IllegalAccessException.html), [IllegalClassFormatException](http://docs.google.com/java/lang/instrument/IllegalClassFormatException.html), [InstantiationException](http://docs.google.com/java/lang/InstantiationException.html), [InterruptedException](http://docs.google.com/java/lang/InterruptedException.html), [IntrospectionException](http://docs.google.com/java/beans/IntrospectionException.html), [InvalidApplicationException](http://docs.google.com/javax/management/InvalidApplicationException.html), [InvalidMidiDataException](http://docs.google.com/javax/sound/midi/InvalidMidiDataException.html), [InvalidPreferencesFormatException](http://docs.google.com/java/util/prefs/InvalidPreferencesFormatException.html), [InvalidTargetObjectTypeException](http://docs.google.com/javax/management/modelmbean/InvalidTargetObjectTypeException.html), [InvocationTargetException](http://docs.google.com/java/lang/reflect/InvocationTargetException.html), [IOException](http://docs.google.com/java/io/IOException.html), [JAXBException](http://docs.google.com/javax/xml/bind/JAXBException.html), [JMException](http://docs.google.com/javax/management/JMException.html), [KeySelectorException](http://docs.google.com/javax/xml/crypto/KeySelectorException.html), [LastOwnerException](http://docs.google.com/java/security/acl/LastOwnerException.html), [LineUnavailableException](http://docs.google.com/javax/sound/sampled/LineUnavailableException.html), [MarshalException](http://docs.google.com/javax/xml/crypto/MarshalException.html), [MidiUnavailableException](http://docs.google.com/javax/sound/midi/MidiUnavailableException.html), [MimeTypeParseException](http://docs.google.com/java/awt/datatransfer/MimeTypeParseException.html), [MimeTypeParseException](http://docs.google.com/javax/activation/MimeTypeParseException.html), [NamingException](http://docs.google.com/javax/naming/NamingException.html), [NoninvertibleTransformException](http://docs.google.com/java/awt/geom/NoninvertibleTransformException.html), [NoSuchFieldException](http://docs.google.com/java/lang/NoSuchFieldException.html), [NoSuchMethodException](http://docs.google.com/java/lang/NoSuchMethodException.html), [NotBoundException](http://docs.google.com/java/rmi/NotBoundException.html), [NotOwnerException](http://docs.google.com/java/security/acl/NotOwnerException.html), [ParseException](http://docs.google.com/java/text/ParseException.html), [ParserConfigurationException](http://docs.google.com/javax/xml/parsers/ParserConfigurationException.html), [PrinterException](http://docs.google.com/java/awt/print/PrinterException.html), [PrintException](http://docs.google.com/javax/print/PrintException.html), [PrivilegedActionException](http://docs.google.com/java/security/PrivilegedActionException.html), [PropertyVetoException](http://docs.google.com/java/beans/PropertyVetoException.html), [RefreshFailedException](http://docs.google.com/javax/security/auth/RefreshFailedException.html), [RemarshalException](http://docs.google.com/org/omg/CORBA/portable/RemarshalException.html), [RuntimeException](http://docs.google.com/java/lang/RuntimeException.html), [SAXException](http://docs.google.com/org/xml/sax/SAXException.html), [ScriptException](http://docs.google.com/javax/script/ScriptException.html), [ServerNotActiveException](http://docs.google.com/java/rmi/server/ServerNotActiveException.html), [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html), [SQLException](http://docs.google.com/java/sql/SQLException.html), [TimeoutException](http://docs.google.com/java/util/concurrent/TimeoutException.html), [TooManyListenersException](http://docs.google.com/java/util/TooManyListenersException.html), [TransformerException](http://docs.google.com/javax/xml/transform/TransformerException.html), [TransformException](http://docs.google.com/javax/xml/crypto/dsig/TransformException.html), [UnmodifiableClassException](http://docs.google.com/java/lang/instrument/UnmodifiableClassException.html), [UnsupportedAudioFileException](http://docs.google.com/javax/sound/sampled/UnsupportedAudioFileException.html), [UnsupportedCallbackException](http://docs.google.com/javax/security/auth/callback/UnsupportedCallbackException.html), [UnsupportedFlavorException](http://docs.google.com/java/awt/datatransfer/UnsupportedFlavorException.html), [UnsupportedLookAndFeelException](http://docs.google.com/javax/swing/UnsupportedLookAndFeelException.html), [URIReferenceException](http://docs.google.com/javax/xml/crypto/URIReferenceException.html), [URISyntaxException](http://docs.google.com/java/net/URISyntaxException.html), [UserException](http://docs.google.com/org/omg/CORBA/UserException.html), [XAException](http://docs.google.com/javax/transaction/xa/XAException.html), [XMLParseException](http://docs.google.com/javax/management/modelmbean/XMLParseException.html), [XMLSignatureException](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureException.html), [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html), [XPathException](http://docs.google.com/javax/xml/xpath/XPathException.html)

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

The class Exception and its subclasses are a form of Throwable that indicates conditions that a reasonable application might want to catch.

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

| **Constructor Summary** | |
| --- | --- |
| [**Exception**](http://docs.google.com/java/lang/Exception.html#Exception())()            Constructs a new exception with null as its detail message. |
| [**Exception**](http://docs.google.com/java/lang/Exception.html#Exception(java.lang.String))([String](http://docs.google.com/java/lang/String.html) message)            Constructs a new exception with the specified detail message. |
| [**Exception**](http://docs.google.com/java/lang/Exception.html#Exception(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 exception with the specified detail message and cause. |
| [**Exception**](http://docs.google.com/java/lang/Exception.html#Exception(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) cause)            Constructs a new 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** |
| --- |

### Exception

public **Exception**()

Constructs a new 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)).

### Exception

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

Constructs a new 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.

### Exception

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

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

Note that the detail message associated with cause is *not* automatically incorporated in this 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

### Exception

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

Constructs a new 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 exceptions that are little more than wrappers for other throwables (for example, [PrivilegedActionException](http://docs.google.com/java/security/PrivilegedActionException.html)).

**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/Exception.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/Error.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/ExceptionInInitializerError.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/Exception.html)    [**NO FRAMES**](http://docs.google.com/Exception.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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