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

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

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Direct Known Subclasses:** [AnnotationFormatError](http://docs.google.com/java/lang/annotation/AnnotationFormatError.html), [AssertionError](http://docs.google.com/java/lang/AssertionError.html), [AWTError](http://docs.google.com/java/awt/AWTError.html), [CoderMalfunctionError](http://docs.google.com/java/nio/charset/CoderMalfunctionError.html), [FactoryConfigurationError](http://docs.google.com/javax/xml/parsers/FactoryConfigurationError.html), [FactoryConfigurationError](http://docs.google.com/javax/xml/stream/FactoryConfigurationError.html), [IOError](http://docs.google.com/java/io/IOError.html), [LinkageError](http://docs.google.com/java/lang/LinkageError.html), [ServiceConfigurationError](http://docs.google.com/java/util/ServiceConfigurationError.html), [ThreadDeath](http://docs.google.com/java/lang/ThreadDeath.html), [TransformerFactoryConfigurationError](http://docs.google.com/javax/xml/transform/TransformerFactoryConfigurationError.html), [VirtualMachineError](http://docs.google.com/java/lang/VirtualMachineError.html)

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

An Error is a subclass of Throwable that indicates serious problems that a reasonable application should not try to catch. Most such errors are abnormal conditions. The ThreadDeath error, though a "normal" condition, is also a subclass of Error because most applications should not try to catch it.

A method is not required to declare in its throws clause any subclasses of Error that might be thrown during the execution of the method but not caught, since these errors are abnormal conditions that should never occur.

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

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

### Error

public **Error**()

Constructs a new error 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)).

### Error

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

Constructs a new error 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.

### Error

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

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

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

### Error

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

Constructs a new error 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 errors 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/Error.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*** |
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[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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