| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/InvalidClassException.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/io/InterruptedIOException.html)   [**NEXT CLASS**](http://docs.google.com/java/io/InvalidObjectException.html) | [**FRAMES**](http://docs.google.com/index.html?java/io/InvalidClassException.html)    [**NO FRAMES**](http://docs.google.com/InvalidClassException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#17dp8vu) | [METHOD](#lnxbz9) |

## **java.io**

Class InvalidClassException

[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.io.IOException](http://docs.google.com/java/io/IOException.html)  
 [java.io.ObjectStreamException](http://docs.google.com/java/io/ObjectStreamException.html)  
 **java.io.InvalidClassException**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **InvalidClassException**extends [ObjectStreamException](http://docs.google.com/java/io/ObjectStreamException.html)

Thrown when the Serialization runtime detects one of the following problems with a Class.

* The serial version of the class does not match that of the class descriptor read from the stream
* The class contains unknown datatypes
* The class does not have an accessible no-arg constructor

**Since:** JDK1.1 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.io.InvalidClassException)

| **Field Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**classname**](http://docs.google.com/java/io/InvalidClassException.html#classname)            Name of the invalid class. |

| **Constructor Summary** | |
| --- | --- |
| [**InvalidClassException**](http://docs.google.com/java/io/InvalidClassException.html#InvalidClassException(java.lang.String))([String](http://docs.google.com/java/lang/String.html) reason)            Report an InvalidClassException for the reason specified. |
| [**InvalidClassException**](http://docs.google.com/java/io/InvalidClassException.html#InvalidClassException(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) cname, [String](http://docs.google.com/java/lang/String.html) reason)            Constructs an InvalidClassException object. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getMessage**](http://docs.google.com/java/io/InvalidClassException.html#getMessage())()            Produce the message and include the classname, if present. |

| **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()), [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)) |

| **Field Detail** |
| --- |

### classname

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

Name of the invalid class.

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

### InvalidClassException

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

Report an InvalidClassException for the reason specified.

**Parameters:**reason - String describing the reason for the exception.

### InvalidClassException

public **InvalidClassException**([String](http://docs.google.com/java/lang/String.html) cname,  
 [String](http://docs.google.com/java/lang/String.html) reason)

Constructs an InvalidClassException object.

**Parameters:**cname - a String naming the invalid class.reason - a String describing the reason for the exception.

| **Method Detail** |
| --- |

### getMessage

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

Produce the message and include the classname, if present.

**Overrides:**[getMessage](http://docs.google.com/java/lang/Throwable.html#getMessage()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**the detail message string of this Throwable instance (which may be null).

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/InvalidClassException.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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