| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MARSHAL.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/org/omg/CORBA/LongSeqHolder.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/NamedValue.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/MARSHAL.html)    [**NO FRAMES**](http://docs.google.com/MARSHAL.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#17dp8vu) | METHOD |

## **org.omg.CORBA**

Class MARSHAL

[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](http://docs.google.com/java/lang/RuntimeException.html)  
 [org.omg.CORBA.SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html)  
 **org.omg.CORBA.MARSHAL**

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

public final class **MARSHAL**extends [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html)

A request or reply from the network is structurally invalid. This error typically indicates a bug in either the client-side or server-side run time. For example, if a reply from the server indicates that the message contains 1000 bytes, but the actual message is shorter or longer than 1000 bytes, the ORB raises this exception. MARSHAL can also be caused by using the DII or DSI incorrectly, for example, if the type of the actual parameters sent does not agree with IDL signature of an operation.

It contains a minor code, which gives more detailed information about what caused the exception, and a completion status. It may also contain a string describing the exception.

See the section [Minor Code Meanings](http://docs.google.com/technotes/guides/idl/jidlExceptions.html#minorcodemeanings) to see the minor codes for this exception.

**Since:** JDK1.2

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class org.omg.CORBA.**[**SystemException**](http://docs.google.com/org/omg/CORBA/SystemException.html) |
| --- |
| [completed](http://docs.google.com/org/omg/CORBA/SystemException.html#completed), [minor](http://docs.google.com/org/omg/CORBA/SystemException.html#minor) |

| **Constructor Summary** | |
| --- | --- |
| [**MARSHAL**](http://docs.google.com/org/omg/CORBA/MARSHAL.html#MARSHAL())()            Constructs a MARSHAL exception with a default minor code of 0, a completion state of CompletionStatus.COMPLETED\_NO, and a null description. |
| [**MARSHAL**](http://docs.google.com/org/omg/CORBA/MARSHAL.html#MARSHAL(int,%20org.omg.CORBA.CompletionStatus))(int minor, [CompletionStatus](http://docs.google.com/org/omg/CORBA/CompletionStatus.html) completed)            Constructs a MARSHAL exception with the specified minor code and completion status. |
| [**MARSHAL**](http://docs.google.com/org/omg/CORBA/MARSHAL.html#MARSHAL(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Constructs a MARSHAL exception with the specified description message, a minor code of 0, and a completion state of COMPLETED\_NO. |
| [**MARSHAL**](http://docs.google.com/org/omg/CORBA/MARSHAL.html#MARSHAL(java.lang.String,%20int,%20org.omg.CORBA.CompletionStatus))([String](http://docs.google.com/java/lang/String.html) s, int minor, [CompletionStatus](http://docs.google.com/org/omg/CORBA/CompletionStatus.html) completed)            Constructs a MARSHAL exception with the specified description message, minor code, and completion status. |

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

| **Methods inherited from class org.omg.CORBA.**[**SystemException**](http://docs.google.com/org/omg/CORBA/SystemException.html) |
| --- |
| [toString](http://docs.google.com/org/omg/CORBA/SystemException.html#toString()) |

| **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)) |

| **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** |
| --- |

### MARSHAL

public **MARSHAL**()

Constructs a MARSHAL exception with a default minor code of 0, a completion state of CompletionStatus.COMPLETED\_NO, and a null description.

### MARSHAL

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

Constructs a MARSHAL exception with the specified description message, a minor code of 0, and a completion state of COMPLETED\_NO.

**Parameters:**s - the String containing a description of the exception

### MARSHAL

public **MARSHAL**(int minor,  
 [CompletionStatus](http://docs.google.com/org/omg/CORBA/CompletionStatus.html) completed)

Constructs a MARSHAL exception with the specified minor code and completion status.

**Parameters:**minor - the minor codecompleted - the completion status

### MARSHAL

public **MARSHAL**([String](http://docs.google.com/java/lang/String.html) s,  
 int minor,  
 [CompletionStatus](http://docs.google.com/org/omg/CORBA/CompletionStatus.html) completed)

Constructs a MARSHAL exception with the specified description message, minor code, and completion status.

**Parameters:**s - the String containing a description messageminor - the minor codecompleted - the completion status

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