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

## **java.rmi**

Class MarshalException

[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.rmi.RemoteException](http://docs.google.com/java/rmi/RemoteException.html)  
 **java.rmi.MarshalException**

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

public class **MarshalException**extends [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

A MarshalException is thrown if a java.io.IOException occurs while marshalling the remote call header, arguments or return value for a remote method call. A MarshalException is also thrown if the receiver does not support the protocol version of the sender.

If a MarshalException occurs during a remote method call, the call may or may not have reached the server. If the call did reach the server, parameters may have been deserialized. A call may not be retransmitted after a MarshalException and reliably preserve "at most once" call semantics.

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

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

| **Fields inherited from class java.rmi.**[**RemoteException**](http://docs.google.com/java/rmi/RemoteException.html) |
| --- |
| [detail](http://docs.google.com/java/rmi/RemoteException.html#detail) |

| **Constructor Summary** | |
| --- | --- |
| [**MarshalException**](http://docs.google.com/java/rmi/MarshalException.html#MarshalException(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Constructs a MarshalException with the specified detail message. |
| [**MarshalException**](http://docs.google.com/java/rmi/MarshalException.html#MarshalException(java.lang.String,%20java.lang.Exception))([String](http://docs.google.com/java/lang/String.html) s, [Exception](http://docs.google.com/java/lang/Exception.html) ex)            Constructs a MarshalException with the specified detail message and nested exception. |

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

| **Methods inherited from class java.rmi.**[**RemoteException**](http://docs.google.com/java/rmi/RemoteException.html) |
| --- |
| [getCause](http://docs.google.com/java/rmi/RemoteException.html#getCause()), [getMessage](http://docs.google.com/java/rmi/RemoteException.html#getMessage()) |

| **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()), [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)) |

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

### MarshalException

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

Constructs a MarshalException with the specified detail message.

**Parameters:**s - the detail message**Since:** JDK1.1

### MarshalException

public **MarshalException**([String](http://docs.google.com/java/lang/String.html) s,  
 [Exception](http://docs.google.com/java/lang/Exception.html) ex)

Constructs a MarshalException with the specified detail message and nested exception.

**Parameters:**s - the detail messageex - the nested exception**Since:** JDK1.1

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MarshalException.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/rmi/ConnectIOException.html)   [**NEXT CLASS**](http://docs.google.com/java/rmi/MarshalledObject.html) | [**FRAMES**](http://docs.google.com/index.html?java/rmi/MarshalException.html)    [**NO FRAMES**](http://docs.google.com/MarshalException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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