| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DATA_CONVERSION.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/CustomMarshal.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/DataInputStream.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/DATA_CONVERSION.html)    [**NO FRAMES**](http://docs.google.com/DATA_CONVERSION.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 DATA\_CONVERSION

[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.DATA\_CONVERSION**

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

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

This exception is raised if an ORB cannot convert the representation of data as marshaled into its native representation or vice-versa. For example, DATA\_CONVERSION can be raised if wide character codeset conversion fails, or if an ORB cannot convert floating point values between different representations.

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 [meaning of minor codes](http://docs.google.com/technotes/guides/idl/jidlExceptions.html#minorcodemeanings) to see the minor codes for this exception.

**Since:** JDK1.2 **See Also:**[documentation on Java IDL exceptions](http://docs.google.com/technotes/guides/idl/jidlExceptions.html)

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

### DATA\_CONVERSION

public **DATA\_CONVERSION**()

Constructs a DATA\_CONVERSION exception with a default minor code of 0 and a completion state of COMPLETED\_NO.

### DATA\_CONVERSION

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

Constructs a DATA\_CONVERSION exception with the specified detail.

**Parameters:**s - the String containing a detail message

### DATA\_CONVERSION

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

Constructs a DATA\_CONVERSION exception with the specified minor code and completion status.

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

### DATA\_CONVERSION

public **DATA\_CONVERSION**([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 DATA\_CONVERSION exception with the specified detail message, minor code, and completion status. A detail message is a String that describes this particular exception.

**Parameters:**s - the String containing a detail 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/DATA_CONVERSION.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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