| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/omg/CORBA/SystemException.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA//class-useSystemException.html)    [**NO FRAMES**](http://docs.google.com/SystemException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**org.omg.CORBA.SystemException**

| Packages that use [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) | |
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| [**javax.rmi.CORBA**](#3znysh7) | Contains portability APIs for RMI-IIOP. |
| [**org.omg.CORBA**](#2et92p0) | Provides the mapping of the OMG CORBA APIs to the JavaTM programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB). |
| [**org.omg.CORBA.portable**](#tyjcwt) | Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB. |

| Uses of [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) in [javax.rmi.CORBA](http://docs.google.com/javax/rmi/CORBA/package-summary.html) | |
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| Methods in [javax.rmi.CORBA](http://docs.google.com/javax/rmi/CORBA/package-summary.html) with parameters of type [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) | |
| --- | --- |
| [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) | **UtilDelegate.**[**mapSystemException**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#mapSystemException(org.omg.CORBA.SystemException))([SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) ex)            Delegation call for [Util.mapSystemException(org.omg.CORBA.SystemException)](http://docs.google.com/javax/rmi/CORBA/Util.html#mapSystemException(org.omg.CORBA.SystemException)). |
| static [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) | **Util.**[**mapSystemException**](http://docs.google.com/javax/rmi/CORBA/Util.html#mapSystemException(org.omg.CORBA.SystemException))([SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) ex)            Maps a SystemException to a RemoteException. |

| Uses of [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) | |
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| Subclasses of [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) in [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) | |
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| class | [**ACTIVITY\_COMPLETED**](http://docs.google.com/org/omg/CORBA/ACTIVITY_COMPLETED.html)            The ACTIVITY\_COMPLETED system exception may be raised on any method for which Activity context is accessed. |
| class | [**ACTIVITY\_REQUIRED**](http://docs.google.com/org/omg/CORBA/ACTIVITY_REQUIRED.html)            The ACTIVITY\_REQUIRED system exception may be raised on any method for which an Activity context is required. |
| class | [**BAD\_CONTEXT**](http://docs.google.com/org/omg/CORBA/BAD_CONTEXT.html)            Exception thrown when an operation is invoked by a client but the passed context does not contain the context values required by the operation. |
| class | [**BAD\_INV\_ORDER**](http://docs.google.com/org/omg/CORBA/BAD_INV_ORDER.html)            This exception indicates that the caller has invoked operations in the wrong order. |
| class | [**BAD\_OPERATION**](http://docs.google.com/org/omg/CORBA/BAD_OPERATION.html)            Exception thrown when an object reference denotes an existing object, but that the object does not support the operation that was invoked. |
| class | [**BAD\_PARAM**](http://docs.google.com/org/omg/CORBA/BAD_PARAM.html)            Exception thrown when a parameter passed to a call is out of range or otherwise considered illegal. |
| class | [**BAD\_QOS**](http://docs.google.com/org/omg/CORBA/BAD_QOS.html)            The BAD\_QOS exception is raised whenever an object cannot support the quality of service required by an invocation parameter that has a quality of service semantics associated with it. |
| class | [**BAD\_TYPECODE**](http://docs.google.com/org/omg/CORBA/BAD_TYPECODE.html)            Exception thrown when the ORB has encountered a malformed type code (for example, a type code with an invalid TCKind value). |
| class | [**CODESET\_INCOMPATIBLE**](http://docs.google.com/org/omg/CORBA/CODESET_INCOMPATIBLE.html)            This exception is raised whenever meaningful communication is not possible between client and server native code sets. |
| class | [**COMM\_FAILURE**](http://docs.google.com/org/omg/CORBA/COMM_FAILURE.html)            This exception is raised if communication is lost while an operation is in progress, after the request was sent by the client, but before the reply from the server has been returned to the client. |
| class | [**DATA\_CONVERSION**](http://docs.google.com/org/omg/CORBA/DATA_CONVERSION.html)            This exception is raised if an ORB cannot convert the representation of data as marshaled into its native representation or vice-versa. |
| class | [**FREE\_MEM**](http://docs.google.com/org/omg/CORBA/FREE_MEM.html)            Exception thrown when the ORB failed in an attempt to free dynamic memory, for example because of heap corruption or memory segments being locked. |
| class | [**IMP\_LIMIT**](http://docs.google.com/org/omg/CORBA/IMP_LIMIT.html)            This exception indicates that an implementation limit was exceeded in the ORB run time. |
| class | [**INITIALIZE**](http://docs.google.com/org/omg/CORBA/INITIALIZE.html)            Exception thrown when an ORB has encountered a failure during its initialization, such as failure to acquire networking resources or detecting a configuration error. |
| class | [**INTERNAL**](http://docs.google.com/org/omg/CORBA/INTERNAL.html)            This exception indicates an internal failure in an ORB, for example, if an ORB has detected corruption of its internal data structures. |
| class | [**INTF\_REPOS**](http://docs.google.com/org/omg/CORBA/INTF_REPOS.html)            Exception raised when an ORB cannot reach the interface repository, or some other failure relating to the interface repository is detected. |
| class | [**INV\_FLAG**](http://docs.google.com/org/omg/CORBA/INV_FLAG.html)            Exception thrown when an invalid flag was passed to an operation (for example, when creating a DII request). |
| class | [**INV\_IDENT**](http://docs.google.com/org/omg/CORBA/INV_IDENT.html)            This exception indicates that an IDL identifier is syntactically invalid. |
| class | [**INV\_OBJREF**](http://docs.google.com/org/omg/CORBA/INV_OBJREF.html)            This exception indicates that an object reference is internally malformed. |
| class | [**INV\_POLICY**](http://docs.google.com/org/omg/CORBA/INV_POLICY.html)            Standard exception thrown when an invocation cannot be made because of an incompatibility between Policy overrides that apply to the particular invocation. |
| class | [**INVALID\_ACTIVITY**](http://docs.google.com/org/omg/CORBA/INVALID_ACTIVITY.html)            The INVALID\_ACTIVITY system exception may be raised on the Activity or Transaction services' resume methods if a transaction or Activity is resumed in a context different to that from which it was suspended. |
| class | [**INVALID\_TRANSACTION**](http://docs.google.com/org/omg/CORBA/INVALID_TRANSACTION.html)            Exception thrown when the request carried an invalid transaction context. |
| class | [**MARSHAL**](http://docs.google.com/org/omg/CORBA/MARSHAL.html)            A request or reply from the network is structurally invalid. |
| class | [**NO\_IMPLEMENT**](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)            This exception indicates that even though the operation that was invoked exists (it has an IDL definition), no implementation for that operation exists. |
| class | [**NO\_MEMORY**](http://docs.google.com/org/omg/CORBA/NO_MEMORY.html)            Exception thrown when the ORB run time has run out of memory. |
| class | [**NO\_PERMISSION**](http://docs.google.com/org/omg/CORBA/NO_PERMISSION.html)            Exception thrown when an invocation failed because the caller has insufficient privileges. |
| class | [**NO\_RESOURCES**](http://docs.google.com/org/omg/CORBA/NO_RESOURCES.html)            Exception thrown when the ORB has encountered some general resource limitation. |
| class | [**NO\_RESPONSE**](http://docs.google.com/org/omg/CORBA/NO_RESPONSE.html)            This exception is raised if a client attempts to retrieve the result of a deferred synchronous call, but the response for the request is not yet available. |
| class | [**OBJ\_ADAPTER**](http://docs.google.com/org/omg/CORBA/OBJ_ADAPTER.html)            This exception typically indicates an administrative mismatch, for example, a server may have made an attempt to register itself with an implementation repository under a name that is already in use, or is unknown to the repository. |
| class | [**OBJECT\_NOT\_EXIST**](http://docs.google.com/org/omg/CORBA/OBJECT_NOT_EXIST.html)            Exception raised whenever an invocation on a deleted object was performed. |
| class | [**PERSIST\_STORE**](http://docs.google.com/org/omg/CORBA/PERSIST_STORE.html)            This exception indicates a persistent storage failure, for example, failure to establish a database connection or corruption of a database. |
| class | [**REBIND**](http://docs.google.com/org/omg/CORBA/REBIND.html)            REBIND is raised when the current effective RebindPolicy, has a value of NO\_REBIND or NO\_RECONNECT and an invocation on a bound object reference results in a LocateReply message with status OBJECT\_FORWARD or a Reply message with status LOCATION\_FORWARD. |
| class | [**TIMEOUT**](http://docs.google.com/org/omg/CORBA/TIMEOUT.html)            TIMEOUT is raised when no delivery has been made and the specified time-to-live period has been exceeded. |
| class | [**TRANSACTION\_MODE**](http://docs.google.com/org/omg/CORBA/TRANSACTION_MODE.html)            The CORBA TRANSACTION\_MODE exception is thrown by the client ORB if it detects a mismatch between the InvocationPolicy in the IOR and the chosen invocation path (i.e, direct or routed invocation). |
| class | [**TRANSACTION\_REQUIRED**](http://docs.google.com/org/omg/CORBA/TRANSACTION_REQUIRED.html)            Exception indicates that the request carried a null transaction context, but an active transaction is required. |
| class | [**TRANSACTION\_ROLLEDBACK**](http://docs.google.com/org/omg/CORBA/TRANSACTION_ROLLEDBACK.html)            Exception thrown when the transaction associated with the request has already been rolled back or marked to roll back. |
| class | [**TRANSACTION\_UNAVAILABLE**](http://docs.google.com/org/omg/CORBA/TRANSACTION_UNAVAILABLE.html)            The CORBA TRANSACTION\_UNAVAILABLE exception is thrown by the ORB when it cannot process a transaction service context because its connection to the Transaction Service has been abnormally terminated. |
| class | [**TRANSIENT**](http://docs.google.com/org/omg/CORBA/TRANSIENT.html)            Exception thrown when the ORB attempted to reach an object and failed. |
| class | [**UNKNOWN**](http://docs.google.com/org/omg/CORBA/UNKNOWN.html)            This exception is raised if an operation implementation throws a non-CORBA exception (such as an exception specific to the implementation's programming language), or if an operation raises a user exception that does not appear in the operation's raises expression. |

| Uses of [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html) | |
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| Subclasses of [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html) | |
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| class | [**IndirectionException**](http://docs.google.com/org/omg/CORBA/portable/IndirectionException.html)            The Indirection exception is a Java specific system exception. |
| class | [**UnknownException**](http://docs.google.com/org/omg/CORBA/portable/UnknownException.html)            The org.omg.CORBA.portable.UnknownException is used for reporting unknown exceptions between ties and ORBs and between ORBs and stubs. |

| Methods in [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html) that throw [SystemException](http://docs.google.com/org/omg/CORBA/SystemException.html) | |
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| [OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) | **InvokeHandler.**[**\_invoke**](http://docs.google.com/org/omg/CORBA/portable/InvokeHandler.html#_invoke(java.lang.String,%20org.omg.CORBA.portable.InputStream,%20org.omg.CORBA.portable.ResponseHandler))([String](http://docs.google.com/java/lang/String.html) method, [InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input, [ResponseHandler](http://docs.google.com/org/omg/CORBA/portable/ResponseHandler.html) handler)            Invoked by the ORB to dispatch a request to the servant. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/omg/CORBA/SystemException.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA//class-useSystemException.html)    [**NO FRAMES**](http://docs.google.com/SystemException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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