| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SystemException.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/StructMemberHelper.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/TCKind.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/SystemException.html)    [**NO FRAMES**](http://docs.google.com/SystemException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## **org.omg.CORBA**

Class SystemException

[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**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Direct Known Subclasses:** [ACTIVITY\_COMPLETED](http://docs.google.com/org/omg/CORBA/ACTIVITY_COMPLETED.html), [ACTIVITY\_REQUIRED](http://docs.google.com/org/omg/CORBA/ACTIVITY_REQUIRED.html), [BAD\_CONTEXT](http://docs.google.com/org/omg/CORBA/BAD_CONTEXT.html), [BAD\_INV\_ORDER](http://docs.google.com/org/omg/CORBA/BAD_INV_ORDER.html), [BAD\_OPERATION](http://docs.google.com/org/omg/CORBA/BAD_OPERATION.html), [BAD\_PARAM](http://docs.google.com/org/omg/CORBA/BAD_PARAM.html), [BAD\_QOS](http://docs.google.com/org/omg/CORBA/BAD_QOS.html), [BAD\_TYPECODE](http://docs.google.com/org/omg/CORBA/BAD_TYPECODE.html), [CODESET\_INCOMPATIBLE](http://docs.google.com/org/omg/CORBA/CODESET_INCOMPATIBLE.html), [COMM\_FAILURE](http://docs.google.com/org/omg/CORBA/COMM_FAILURE.html), [DATA\_CONVERSION](http://docs.google.com/org/omg/CORBA/DATA_CONVERSION.html), [FREE\_MEM](http://docs.google.com/org/omg/CORBA/FREE_MEM.html), [IMP\_LIMIT](http://docs.google.com/org/omg/CORBA/IMP_LIMIT.html), [IndirectionException](http://docs.google.com/org/omg/CORBA/portable/IndirectionException.html), [INITIALIZE](http://docs.google.com/org/omg/CORBA/INITIALIZE.html), [INTERNAL](http://docs.google.com/org/omg/CORBA/INTERNAL.html), [INTF\_REPOS](http://docs.google.com/org/omg/CORBA/INTF_REPOS.html), [INV\_FLAG](http://docs.google.com/org/omg/CORBA/INV_FLAG.html), [INV\_IDENT](http://docs.google.com/org/omg/CORBA/INV_IDENT.html), [INV\_OBJREF](http://docs.google.com/org/omg/CORBA/INV_OBJREF.html), [INV\_POLICY](http://docs.google.com/org/omg/CORBA/INV_POLICY.html), [INVALID\_ACTIVITY](http://docs.google.com/org/omg/CORBA/INVALID_ACTIVITY.html), [INVALID\_TRANSACTION](http://docs.google.com/org/omg/CORBA/INVALID_TRANSACTION.html), [MARSHAL](http://docs.google.com/org/omg/CORBA/MARSHAL.html), [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html), [NO\_MEMORY](http://docs.google.com/org/omg/CORBA/NO_MEMORY.html), [NO\_PERMISSION](http://docs.google.com/org/omg/CORBA/NO_PERMISSION.html), [NO\_RESOURCES](http://docs.google.com/org/omg/CORBA/NO_RESOURCES.html), [NO\_RESPONSE](http://docs.google.com/org/omg/CORBA/NO_RESPONSE.html), [OBJ\_ADAPTER](http://docs.google.com/org/omg/CORBA/OBJ_ADAPTER.html), [OBJECT\_NOT\_EXIST](http://docs.google.com/org/omg/CORBA/OBJECT_NOT_EXIST.html), [PERSIST\_STORE](http://docs.google.com/org/omg/CORBA/PERSIST_STORE.html), [REBIND](http://docs.google.com/org/omg/CORBA/REBIND.html), [TIMEOUT](http://docs.google.com/org/omg/CORBA/TIMEOUT.html), [TRANSACTION\_MODE](http://docs.google.com/org/omg/CORBA/TRANSACTION_MODE.html), [TRANSACTION\_REQUIRED](http://docs.google.com/org/omg/CORBA/TRANSACTION_REQUIRED.html), [TRANSACTION\_ROLLEDBACK](http://docs.google.com/org/omg/CORBA/TRANSACTION_ROLLEDBACK.html), [TRANSACTION\_UNAVAILABLE](http://docs.google.com/org/omg/CORBA/TRANSACTION_UNAVAILABLE.html), [TRANSIENT](http://docs.google.com/org/omg/CORBA/TRANSIENT.html), [UNKNOWN](http://docs.google.com/org/omg/CORBA/UNKNOWN.html), [UnknownException](http://docs.google.com/org/omg/CORBA/portable/UnknownException.html)

public abstract class **SystemException**extends [RuntimeException](http://docs.google.com/java/lang/RuntimeException.html)

The root class for all CORBA standard exceptions. These exceptions may be thrown as a result of any CORBA operation invocation and may also be returned by many standard CORBA API methods. The standard exceptions contain a minor code, allowing more detailed specification, and a completion status. This class is subclassed to generate each one of the set of standard ORB exceptions. SystemException extends java.lang.RuntimeException; thus none of the SystemException exceptions need to be declared in signatures of the Java methods mapped from operations in IDL interfaces.

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

| **Field Summary** | |
| --- | --- |
| [CompletionStatus](http://docs.google.com/org/omg/CORBA/CompletionStatus.html) | [**completed**](http://docs.google.com/org/omg/CORBA/SystemException.html#completed)            The status of the operation that threw this exception. |
| int | [**minor**](http://docs.google.com/org/omg/CORBA/SystemException.html#minor)            The CORBA Exception minor code. |

| **Constructor Summary** | |
| --- | --- |
| protected | [**SystemException**](http://docs.google.com/org/omg/CORBA/SystemException.html#SystemException(java.lang.String,%20int,%20org.omg.CORBA.CompletionStatus))([String](http://docs.google.com/java/lang/String.html) reason, int minor, [CompletionStatus](http://docs.google.com/org/omg/CORBA/CompletionStatus.html) completed)            Constructs a SystemException exception with the specified detail message, minor code, and completion status. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/org/omg/CORBA/SystemException.html#toString())()            Converts this exception to a representative string. |

| **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)) |

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

### minor

public int **minor**

The CORBA Exception minor code.

### completed

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

The status of the operation that threw this exception.

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

### SystemException

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

Constructs a SystemException exception with the specified detail message, minor code, and completion status. A detail message is a String that describes this particular exception.

**Parameters:**reason - the String containing a detail messageminor - the minor codecompleted - the completion status

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

### toString

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

Converts this exception to a representative string.

**Overrides:**[toString](http://docs.google.com/java/lang/Throwable.html#toString()) in class [Throwable](http://docs.google.com/java/lang/Throwable.html) **Returns:**a string representation of this throwable.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SystemException.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/StructMemberHelper.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/TCKind.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/SystemException.html)    [**NO FRAMES**](http://docs.google.com/SystemException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

[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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