| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ExceptionList.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/Environment.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/FieldNameHelper.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/ExceptionList.html)    [**NO FRAMES**](http://docs.google.com/ExceptionList.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **org.omg.CORBA**

Class ExceptionList

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **org.omg.CORBA.ExceptionList**

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

An object used in Request operations to describe the exceptions that can be thrown by a method. It maintains a modifiable list of TypeCodes of the exceptions.

The following code fragment demonstrates creating an ExceptionList object:

ORB orb = ORB.init(args, null);  
 org.omg.CORBA.ExceptionList excList = orb.create\_exception\_list();

The variable excList represents an ExceptionList object with no TypeCode objects in it.

To add items to the list, you first create a TypeCode object for the exception you want to include, using the ORB method create\_exception\_tc. Then you use the ExceptionList method add to add it to the list. The class ExceptionList has a method for getting the number of TypeCode objects in the list, and after items have been added, it is possible to call methods for accessing or deleting an item at a designated index.

**Since:** JDK1.2

| **Constructor Summary** | |
| --- | --- |
| [**ExceptionList**](http://docs.google.com/org/omg/CORBA/ExceptionList.html#ExceptionList())() |

| **Method Summary** | |
| --- | --- |
| abstract  void | [**add**](http://docs.google.com/org/omg/CORBA/ExceptionList.html#add(org.omg.CORBA.TypeCode))([TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) exc)            Adds a TypeCode object describing an exception to this ExceptionList object. |
| abstract  int | [**count**](http://docs.google.com/org/omg/CORBA/ExceptionList.html#count())()            Retrieves the number of TypeCode objects in this ExceptionList object. |
| abstract  [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) | [**item**](http://docs.google.com/org/omg/CORBA/ExceptionList.html#item(int))(int index)            Returns the TypeCode object at the given index. |
| abstract  void | [**remove**](http://docs.google.com/org/omg/CORBA/ExceptionList.html#remove(int))(int index)            Removes the TypeCode object at the given index. |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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** |
| --- |

### ExceptionList

public **ExceptionList**()

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

### count

public abstract int **count**()

Retrieves the number of TypeCode objects in this ExceptionList object.

**Returns:**the number of TypeCode objects in this ExceptionList object

### add

public abstract void **add**([TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) exc)

Adds a TypeCode object describing an exception to this ExceptionList object.

**Parameters:**exc - the TypeCode object to be added

### item

public abstract [TypeCode](http://docs.google.com/org/omg/CORBA/TypeCode.html) **item**(int index)  
 throws [Bounds](http://docs.google.com/org/omg/CORBA/Bounds.html)

Returns the TypeCode object at the given index. The first item is at index 0.

**Parameters:**index - the index of the TypeCode object desired. This must be an int between 0 and the number of TypeCode objects minus one, inclusive. **Returns:**the TypeCode object at the given index **Throws:** [Bounds](http://docs.google.com/org/omg/CORBA/Bounds.html) - if the index given is greater than or equal to the number of TypeCode objects in this ExceptionList object

### remove

public abstract void **remove**(int index)  
 throws [Bounds](http://docs.google.com/org/omg/CORBA/Bounds.html)

Removes the TypeCode object at the given index. Note that the indices of all the TypeCoded objects following the one deleted are shifted down by one.

**Parameters:**index - the index of the TypeCode object to be removed. This must be an int between 0 and the number of TypeCode objects minus one, inclusive. **Throws:** [Bounds](http://docs.google.com/org/omg/CORBA/Bounds.html) - if the index is greater than or equal to the number of TypeCode objects in this ExceptionList object

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