| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ContextList.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/Context.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/CTX_RESTRICT_SCOPE.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/ContextList.html)    [**NO FRAMES**](http://docs.google.com/ContextList.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 ContextList

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

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

An object containing a modifiable list of String objects that represent property names. This class is used in Request operations to describe the contexts that need to be resolved and sent with the invocation. (A context is resolved by giving a property name and getting back the value associated with it.) This is done by calling the Context method get\_values and supplying a string from a ContextList object as the third parameter. The method get\_values returns an NVList object containing the NamedValue objects that hold the value(s) identified by the given string.

A ContextList object is created by the ORB, as illustrated here:

ORB orb = ORB.init(args, null);  
 org.omg.CORBA.ContextList ctxList = orb.create\_context\_list();

The variable ctxList represents an empty ContextList object. Strings are added to the list with the method add, accessed with the method item, and removed with the method remove.

**Since:** JDK1.2 **See Also:**[Context](http://docs.google.com/org/omg/CORBA/Context.html)

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

| **Method Summary** | |
| --- | --- |
| abstract  void | [**add**](http://docs.google.com/org/omg/CORBA/ContextList.html#add(java.lang.String))([String](http://docs.google.com/java/lang/String.html) ctx)            Adds a String object to this ContextList object. |
| abstract  int | [**count**](http://docs.google.com/org/omg/CORBA/ContextList.html#count())()            Returns the number of String objects in this ContextList object. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | [**item**](http://docs.google.com/org/omg/CORBA/ContextList.html#item(int))(int index)            Returns the String object at the given index. |
| abstract  void | [**remove**](http://docs.google.com/org/omg/CORBA/ContextList.html#remove(int))(int index)            Removes the String 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** |
| --- |

### ContextList

public **ContextList**()

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

### count

public abstract int **count**()

Returns the number of String objects in this ContextList object.

**Returns:**an int representing the number of Strings in this ContextList object

### add

public abstract void **add**([String](http://docs.google.com/java/lang/String.html) ctx)

Adds a String object to this ContextList object.

**Parameters:**ctx - the String object to be added

### item

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

Returns the String object at the given index.

**Parameters:**index - the index of the string desired, with 0 being the index of the first string **Returns:**the string at the given index **Throws:** [Bounds](http://docs.google.com/org/omg/CORBA/Bounds.html) - if the index is greater than or equal to the number of strings in this ContextList object

### remove

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

Removes the String object at the given index. Note that the indices of all strings following the one removed are shifted down by one.

**Parameters:**index - the index of the String object to be removed, with 0 designating the first string **Throws:** [Bounds](http://docs.google.com/org/omg/CORBA/Bounds.html) - if the index is greater than or equal to the number of String objects in this ContextList 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/ContextList.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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