| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/UtilDelegate.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/javax/rmi/CORBA/Util.html)   [**NEXT CLASS**](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/rmi/CORBA/UtilDelegate.html)    [**NO FRAMES**](http://docs.google.com/UtilDelegate.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **javax.rmi.CORBA**

Interface UtilDelegate

public interface **UtilDelegate**

Supports delegation for method implementations in [Util](http://docs.google.com/javax/rmi/CORBA/Util.html). The delegate is a singleton instance of a class that implements this interface and provides a replacement implementation for all the methods of javax.rmi.CORBA.Util. Delegation is enabled by providing the delegate's class name as the value of the javax.rmi.CORBA.UtilClass system property.

**See Also:**[Util](http://docs.google.com/javax/rmi/CORBA/Util.html)

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**copyObject**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#copyObject(java.lang.Object,%20org.omg.CORBA.ORB))([Object](http://docs.google.com/java/lang/Object.html) obj, [ORB](http://docs.google.com/org/omg/CORBA/ORB.html) orb)            Delegation call for [Util.copyObject(java.lang.Object, org.omg.CORBA.ORB)](http://docs.google.com/javax/rmi/CORBA/Util.html#copyObject(java.lang.Object,%20org.omg.CORBA.ORB)). |
| [Object](http://docs.google.com/java/lang/Object.html)[] | [**copyObjects**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#copyObjects(java.lang.Object%5B%5D,%20org.omg.CORBA.ORB))([Object](http://docs.google.com/java/lang/Object.html)[] obj, [ORB](http://docs.google.com/org/omg/CORBA/ORB.html) orb)            Delegation call for [Util.copyObjects(java.lang.Object[], org.omg.CORBA.ORB)](http://docs.google.com/javax/rmi/CORBA/Util.html#copyObjects(java.lang.Object%5B%5D,%20org.omg.CORBA.ORB)). |
| [ValueHandler](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html) | [**createValueHandler**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#createValueHandler())()            Delegation call for [Util.createValueHandler()](http://docs.google.com/javax/rmi/CORBA/Util.html#createValueHandler()). |
| [String](http://docs.google.com/java/lang/String.html) | [**getCodebase**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#getCodebase(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html) clz)            Delegation call for [Util.getCodebase(java.lang.Class)](http://docs.google.com/javax/rmi/CORBA/Util.html#getCodebase(java.lang.Class)). |
| [Tie](http://docs.google.com/javax/rmi/CORBA/Tie.html) | [**getTie**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#getTie(java.rmi.Remote))([Remote](http://docs.google.com/java/rmi/Remote.html) target)            Delegation call for [Util.getTie(java.rmi.Remote)](http://docs.google.com/javax/rmi/CORBA/Util.html#getTie(java.rmi.Remote)). |
| boolean | [**isLocal**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#isLocal(javax.rmi.CORBA.Stub))([Stub](http://docs.google.com/javax/rmi/CORBA/Stub.html) stub)            Delegation call for [Util.isLocal(javax.rmi.CORBA.Stub)](http://docs.google.com/javax/rmi/CORBA/Util.html#isLocal(javax.rmi.CORBA.Stub)). |
| [Class](http://docs.google.com/java/lang/Class.html) | [**loadClass**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) className, [String](http://docs.google.com/java/lang/String.html) remoteCodebase, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader)            Delegation call for [Util.loadClass(java.lang.String, java.lang.String, java.lang.ClassLoader)](http://docs.google.com/javax/rmi/CORBA/Util.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader)). |
| [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) | [**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)). |
| [Object](http://docs.google.com/java/lang/Object.html) | [**readAny**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#readAny(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) in)            Delegation call for [Util.readAny(org.omg.CORBA.portable.InputStream)](http://docs.google.com/javax/rmi/CORBA/Util.html#readAny(org.omg.CORBA.portable.InputStream)). |
| void | [**registerTarget**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#registerTarget(javax.rmi.CORBA.Tie,%20java.rmi.Remote))([Tie](http://docs.google.com/javax/rmi/CORBA/Tie.html) tie, [Remote](http://docs.google.com/java/rmi/Remote.html) target)            Delegation call for [Util.registerTarget(javax.rmi.CORBA.Tie, java.rmi.Remote)](http://docs.google.com/javax/rmi/CORBA/Util.html#registerTarget(javax.rmi.CORBA.Tie,%20java.rmi.Remote)). |
| void | [**unexportObject**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#unexportObject(java.rmi.Remote))([Remote](http://docs.google.com/java/rmi/Remote.html) target)            Delegation call for [Util.unexportObject(java.rmi.Remote)](http://docs.google.com/javax/rmi/CORBA/Util.html#unexportObject(java.rmi.Remote)). |
| [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) | [**wrapException**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#wrapException(java.lang.Throwable))([Throwable](http://docs.google.com/java/lang/Throwable.html) obj)            Delegation call for [Util.wrapException(java.lang.Throwable)](http://docs.google.com/javax/rmi/CORBA/Util.html#wrapException(java.lang.Throwable)). |
| void | [**writeAbstractObject**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#writeAbstractObject(org.omg.CORBA.portable.OutputStream,%20java.lang.Object))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) out, [Object](http://docs.google.com/java/lang/Object.html) obj)            Delegation call for [Util.writeAbstractObject(org.omg.CORBA.portable.OutputStream, java.lang.Object)](http://docs.google.com/javax/rmi/CORBA/Util.html#writeAbstractObject(org.omg.CORBA.portable.OutputStream,%20java.lang.Object)). |
| void | [**writeAny**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#writeAny(org.omg.CORBA.portable.OutputStream,%20java.lang.Object))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) out, [Object](http://docs.google.com/java/lang/Object.html) obj)            Delegation call for [Util.writeAny(org.omg.CORBA.portable.OutputStream, java.lang.Object)](http://docs.google.com/javax/rmi/CORBA/Util.html#writeAny(org.omg.CORBA.portable.OutputStream,%20java.lang.Object)). |
| void | [**writeRemoteObject**](http://docs.google.com/javax/rmi/CORBA/UtilDelegate.html#writeRemoteObject(org.omg.CORBA.portable.OutputStream,%20java.lang.Object))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) out, [Object](http://docs.google.com/java/lang/Object.html) obj)            Delegation call for [Util.writeRemoteObject(org.omg.CORBA.portable.OutputStream, java.lang.Object)](http://docs.google.com/javax/rmi/CORBA/Util.html#writeRemoteObject(org.omg.CORBA.portable.OutputStream,%20java.lang.Object)). |

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

### mapSystemException

[RemoteException](http://docs.google.com/java/rmi/RemoteException.html) **mapSystemException**([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)).

### writeAny

void **writeAny**([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) out,  
 [Object](http://docs.google.com/java/lang/Object.html) obj)

Delegation call for [Util.writeAny(org.omg.CORBA.portable.OutputStream, java.lang.Object)](http://docs.google.com/javax/rmi/CORBA/Util.html#writeAny(org.omg.CORBA.portable.OutputStream,%20java.lang.Object)).

### readAny

[Object](http://docs.google.com/java/lang/Object.html) **readAny**([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) in)

Delegation call for [Util.readAny(org.omg.CORBA.portable.InputStream)](http://docs.google.com/javax/rmi/CORBA/Util.html#readAny(org.omg.CORBA.portable.InputStream)).

### writeRemoteObject

void **writeRemoteObject**([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) out,  
 [Object](http://docs.google.com/java/lang/Object.html) obj)

Delegation call for [Util.writeRemoteObject(org.omg.CORBA.portable.OutputStream, java.lang.Object)](http://docs.google.com/javax/rmi/CORBA/Util.html#writeRemoteObject(org.omg.CORBA.portable.OutputStream,%20java.lang.Object)).

### writeAbstractObject

void **writeAbstractObject**([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) out,  
 [Object](http://docs.google.com/java/lang/Object.html) obj)

Delegation call for [Util.writeAbstractObject(org.omg.CORBA.portable.OutputStream, java.lang.Object)](http://docs.google.com/javax/rmi/CORBA/Util.html#writeAbstractObject(org.omg.CORBA.portable.OutputStream,%20java.lang.Object)).

### registerTarget

void **registerTarget**([Tie](http://docs.google.com/javax/rmi/CORBA/Tie.html) tie,  
 [Remote](http://docs.google.com/java/rmi/Remote.html) target)

Delegation call for [Util.registerTarget(javax.rmi.CORBA.Tie, java.rmi.Remote)](http://docs.google.com/javax/rmi/CORBA/Util.html#registerTarget(javax.rmi.CORBA.Tie,%20java.rmi.Remote)).

### unexportObject

void **unexportObject**([Remote](http://docs.google.com/java/rmi/Remote.html) target)  
 throws [NoSuchObjectException](http://docs.google.com/java/rmi/NoSuchObjectException.html)

Delegation call for [Util.unexportObject(java.rmi.Remote)](http://docs.google.com/javax/rmi/CORBA/Util.html#unexportObject(java.rmi.Remote)).

**Throws:** [NoSuchObjectException](http://docs.google.com/java/rmi/NoSuchObjectException.html)

### getTie

[Tie](http://docs.google.com/javax/rmi/CORBA/Tie.html) **getTie**([Remote](http://docs.google.com/java/rmi/Remote.html) target)

Delegation call for [Util.getTie(java.rmi.Remote)](http://docs.google.com/javax/rmi/CORBA/Util.html#getTie(java.rmi.Remote)).

### createValueHandler

[ValueHandler](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html) **createValueHandler**()

Delegation call for [Util.createValueHandler()](http://docs.google.com/javax/rmi/CORBA/Util.html#createValueHandler()).

### getCodebase

[String](http://docs.google.com/java/lang/String.html) **getCodebase**([Class](http://docs.google.com/java/lang/Class.html) clz)

Delegation call for [Util.getCodebase(java.lang.Class)](http://docs.google.com/javax/rmi/CORBA/Util.html#getCodebase(java.lang.Class)).

### loadClass

[Class](http://docs.google.com/java/lang/Class.html) **loadClass**([String](http://docs.google.com/java/lang/String.html) className,  
 [String](http://docs.google.com/java/lang/String.html) remoteCodebase,  
 [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) loader)  
 throws [ClassNotFoundException](http://docs.google.com/java/lang/ClassNotFoundException.html)

Delegation call for [Util.loadClass(java.lang.String, java.lang.String, java.lang.ClassLoader)](http://docs.google.com/javax/rmi/CORBA/Util.html#loadClass(java.lang.String,%20java.lang.String,%20java.lang.ClassLoader)).

**Throws:** [ClassNotFoundException](http://docs.google.com/java/lang/ClassNotFoundException.html)

### isLocal

boolean **isLocal**([Stub](http://docs.google.com/javax/rmi/CORBA/Stub.html) stub)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Delegation call for [Util.isLocal(javax.rmi.CORBA.Stub)](http://docs.google.com/javax/rmi/CORBA/Util.html#isLocal(javax.rmi.CORBA.Stub)).

**Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

### wrapException

[RemoteException](http://docs.google.com/java/rmi/RemoteException.html) **wrapException**([Throwable](http://docs.google.com/java/lang/Throwable.html) obj)

Delegation call for [Util.wrapException(java.lang.Throwable)](http://docs.google.com/javax/rmi/CORBA/Util.html#wrapException(java.lang.Throwable)).

### copyObject

[Object](http://docs.google.com/java/lang/Object.html) **copyObject**([Object](http://docs.google.com/java/lang/Object.html) obj,  
 [ORB](http://docs.google.com/org/omg/CORBA/ORB.html) orb)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Delegation call for [Util.copyObject(java.lang.Object, org.omg.CORBA.ORB)](http://docs.google.com/javax/rmi/CORBA/Util.html#copyObject(java.lang.Object,%20org.omg.CORBA.ORB)).

**Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

### copyObjects

[Object](http://docs.google.com/java/lang/Object.html)[] **copyObjects**([Object](http://docs.google.com/java/lang/Object.html)[] obj,  
 [ORB](http://docs.google.com/org/omg/CORBA/ORB.html) orb)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Delegation call for [Util.copyObjects(java.lang.Object[], org.omg.CORBA.ORB)](http://docs.google.com/javax/rmi/CORBA/Util.html#copyObjects(java.lang.Object%5B%5D,%20org.omg.CORBA.ORB)).

**Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/UtilDelegate.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/javax/rmi/CORBA/Util.html)   [**NEXT CLASS**](http://docs.google.com/javax/rmi/CORBA/ValueHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/rmi/CORBA/UtilDelegate.html)    [**NO FRAMES**](http://docs.google.com/UtilDelegate.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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