| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Stub.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/PortableRemoteObjectDelegate.html)   [**NEXT CLASS**](http://docs.google.com/javax/rmi/CORBA/StubDelegate.html) | [**FRAMES**](http://docs.google.com/index.html?javax/rmi/CORBA/Stub.html)    [**NO FRAMES**](http://docs.google.com/Stub.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

## **javax.rmi.CORBA**

Class Stub

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [org.omg.CORBA.portable.ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html)  
 [org.omg.CORBA\_2\_3.portable.ObjectImpl](http://docs.google.com/org/omg/CORBA_2_3/portable/ObjectImpl.html)  
 **javax.rmi.CORBA.Stub**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Direct Known Subclasses:** [\_Remote\_Stub](http://docs.google.com/org/omg/stub/java/rmi/_Remote_Stub.html)

public abstract class **Stub**extends [ObjectImpl](http://docs.google.com/org/omg/CORBA_2_3/portable/ObjectImpl.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

Base class from which all RMI-IIOP stubs must inherit.

**See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#javax.rmi.CORBA.Stub)

| **Constructor Summary** | |
| --- | --- |
| [**Stub**](http://docs.google.com/javax/rmi/CORBA/Stub.html#Stub())() |

| **Method Summary** | |
| --- | --- |
| void | [**connect**](http://docs.google.com/javax/rmi/CORBA/Stub.html#connect(org.omg.CORBA.ORB))([ORB](http://docs.google.com/org/omg/CORBA/ORB.html) orb)            Connects this stub to an ORB. |
| boolean | [**equals**](http://docs.google.com/javax/rmi/CORBA/Stub.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Compares two stubs for equality. |
| int | [**hashCode**](http://docs.google.com/javax/rmi/CORBA/Stub.html#hashCode())()            Returns a hash code value for the object which is the same for all stubs that represent the same remote object. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/rmi/CORBA/Stub.html#toString())()            Returns a string representation of this stub. |

| **Methods inherited from class org.omg.CORBA\_2\_3.portable.**[**ObjectImpl**](http://docs.google.com/org/omg/CORBA_2_3/portable/ObjectImpl.html) |
| --- |
| [\_get\_codebase](http://docs.google.com/org/omg/CORBA_2_3/portable/ObjectImpl.html#_get_codebase()) |

| **Methods inherited from class org.omg.CORBA.portable.**[**ObjectImpl**](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html) |
| --- |
| [\_create\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue)), [\_create\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue,%20org.omg.CORBA.ExceptionList,%20org.omg.CORBA.ContextList)), [\_duplicate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_duplicate()), [\_get\_delegate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_delegate()), [\_get\_domain\_managers](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_domain_managers()), [\_get\_interface\_def](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_interface_def()), [\_get\_policy](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_policy(int)), [\_hash](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_hash(int)), [\_ids](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_ids()), [\_invoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_invoke(org.omg.CORBA.portable.OutputStream)), [\_is\_a](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_a(java.lang.String)), [\_is\_equivalent](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_equivalent(org.omg.CORBA.Object)), [\_is\_local](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_local()), [\_non\_existent](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_non_existent()), [\_orb](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_orb()), [\_release](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_release()), [\_releaseReply](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_releaseReply(org.omg.CORBA.portable.InputStream)), [\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_request(java.lang.String)), [\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_request(java.lang.String,%20boolean)), [\_servant\_postinvoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_servant_postinvoke(org.omg.CORBA.portable.ServantObject)), [\_servant\_preinvoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_servant_preinvoke(java.lang.String,%20java.lang.Class)), [\_set\_delegate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_set_delegate(org.omg.CORBA.portable.Delegate)), [\_set\_policy\_override](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_set_policy_override(org.omg.CORBA.Policy%5B%5D,%20org.omg.CORBA.SetOverrideType)) |

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

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

### Stub

public **Stub**()

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

### hashCode

public int **hashCode**()

Returns a hash code value for the object which is the same for all stubs that represent the same remote object.

**Overrides:**[hashCode](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#hashCode()) in class [ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html) **Returns:**the hash code value.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### equals

public boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Compares two stubs for equality. Returns true when used to compare stubs that represent the same remote object, and false otherwise.

**Overrides:**[equals](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#equals(java.lang.Object)) in class [ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html) **Parameters:**obj - the reference object with which to compare. **Returns:**true if this object is the same as the obj argument; false otherwise.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### toString

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

Returns a string representation of this stub. Returns the same string for all stubs that represent the same remote object.

**Overrides:**[toString](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#toString()) in class [ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html) **Returns:**a string representation of this stub.

### connect

public void **connect**([ORB](http://docs.google.com/org/omg/CORBA/ORB.html) orb)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Connects this stub to an ORB. Required after the stub is deserialized but not after it is demarshalled by an ORB stream. If an unconnected stub is passed to an ORB stream for marshalling, it is implicitly connected to that ORB. Application code should not call this method directly, but should call the portable wrapper method [PortableRemoteObject.connect(java.rmi.Remote, java.rmi.Remote)](http://docs.google.com/javax/rmi/PortableRemoteObject.html#connect(java.rmi.Remote,%20java.rmi.Remote)).

**Parameters:**orb - the ORB to connect to. **Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if the stub is already connected to a different ORB, or if the stub does not represent an exported remote or local 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/Stub.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/PortableRemoteObjectDelegate.html)   [**NEXT CLASS**](http://docs.google.com/javax/rmi/CORBA/StubDelegate.html) | [**FRAMES**](http://docs.google.com/index.html?javax/rmi/CORBA/Stub.html)    [**NO FRAMES**](http://docs.google.com/Stub.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).