| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RemoteStub.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/java/rmi/server/RemoteServer.html)   [**NEXT CLASS**](http://docs.google.com/java/rmi/server/RMIClassLoader.html) | [**FRAMES**](http://docs.google.com/index.html?java/rmi/server/RemoteStub.html)    [**NO FRAMES**](http://docs.google.com/RemoteStub.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | [METHOD](#26in1rg) |

## **java.rmi.server**

Class RemoteStub

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.rmi.server.RemoteObject](http://docs.google.com/java/rmi/server/RemoteObject.html)  
 **java.rmi.server.RemoteStub**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Remote](http://docs.google.com/java/rmi/Remote.html) **Direct Known Subclasses:** [ActivationGroup\_Stub](http://docs.google.com/java/rmi/activation/ActivationGroup_Stub.html), [RMIConnectionImpl\_Stub](http://docs.google.com/javax/management/remote/rmi/RMIConnectionImpl_Stub.html), [RMIServerImpl\_Stub](http://docs.google.com/javax/management/remote/rmi/RMIServerImpl_Stub.html)

public abstract class **RemoteStub**extends [RemoteObject](http://docs.google.com/java/rmi/server/RemoteObject.html)

The RemoteStub class is the common superclass to client stubs and provides the framework to support a wide range of remote reference semantics. Stub objects are surrogates that support exactly the same set of remote interfaces defined by the actual implementation of the remote object.

**Since:** JDK1.1 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.rmi.server.RemoteStub)

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class java.rmi.server.**[**RemoteObject**](http://docs.google.com/java/rmi/server/RemoteObject.html) |
| --- |
| [ref](http://docs.google.com/java/rmi/server/RemoteObject.html#ref) |

| **Constructor Summary** | |
| --- | --- |
| protected | [**RemoteStub**](http://docs.google.com/java/rmi/server/RemoteStub.html#RemoteStub())()            Constructs a RemoteStub. |
| protected | [**RemoteStub**](http://docs.google.com/java/rmi/server/RemoteStub.html#RemoteStub(java.rmi.server.RemoteRef))([RemoteRef](http://docs.google.com/java/rmi/server/RemoteRef.html) ref)            Constructs a RemoteStub, with the specified remote reference. |

| **Method Summary** | |
| --- | --- |
| protected static void | [**setRef**](http://docs.google.com/java/rmi/server/RemoteStub.html#setRef(java.rmi.server.RemoteStub,%20java.rmi.server.RemoteRef))([RemoteStub](http://docs.google.com/java/rmi/server/RemoteStub.html) stub, [RemoteRef](http://docs.google.com/java/rmi/server/RemoteRef.html) ref)  **Deprecated.** *no replacement. The setRef method is not needed since RemoteStubs can be created with the RemoteStub(RemoteRef) constructor.* |

| **Methods inherited from class java.rmi.server.**[**RemoteObject**](http://docs.google.com/java/rmi/server/RemoteObject.html) |
| --- |
| [equals](http://docs.google.com/java/rmi/server/RemoteObject.html#equals(java.lang.Object)), [getRef](http://docs.google.com/java/rmi/server/RemoteObject.html#getRef()), [hashCode](http://docs.google.com/java/rmi/server/RemoteObject.html#hashCode()), [toString](http://docs.google.com/java/rmi/server/RemoteObject.html#toString()), [toStub](http://docs.google.com/java/rmi/server/RemoteObject.html#toStub(java.rmi.Remote)) |

| **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** |
| --- |

### RemoteStub

protected **RemoteStub**()

Constructs a RemoteStub.

### RemoteStub

protected **RemoteStub**([RemoteRef](http://docs.google.com/java/rmi/server/RemoteRef.html) ref)

Constructs a RemoteStub, with the specified remote reference.

**Parameters:**ref - the remote reference**Since:** JDK1.1

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

### setRef

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
protected static void **setRef**([RemoteStub](http://docs.google.com/java/rmi/server/RemoteStub.html) stub,  
 [RemoteRef](http://docs.google.com/java/rmi/server/RemoteRef.html) ref)

**Deprecated.** *no replacement. The setRef method is not needed since RemoteStubs can be created with the RemoteStub(RemoteRef) constructor.*

Sets the remote reference inside the remote stub.

**Parameters:**stub - the remote stubref - the remote reference**Since:** JDK1.1

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