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

## **java.rmi.server**

Interface RMIServerSocketFactory

**All Known Implementing Classes:** [RMISocketFactory](http://docs.google.com/java/rmi/server/RMISocketFactory.html), [SslRMIServerSocketFactory](http://docs.google.com/javax/rmi/ssl/SslRMIServerSocketFactory.html)

public interface **RMIServerSocketFactory**

An RMIServerSocketFactory instance is used by the RMI runtime in order to obtain server sockets for RMI calls. A remote object can be associated with an RMIServerSocketFactory when it is created/exported via the constructors or exportObject methods of java.rmi.server.UnicastRemoteObject and java.rmi.activation.Activatable .

An RMIServerSocketFactory instance associated with a remote object is used to obtain the ServerSocket used to accept incoming calls from clients.

An RMIServerSocketFactory instance can also be associated with a remote object registry so that clients can use custom socket communication with a remote object registry.

An implementation of this interface should implement [Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) to return true when passed an instance that represents the same (functionally equivalent) server socket factory, and false otherwise (and it should also implement [Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()) consistently with its Object.equals implementation).

**Since:** 1.2 **See Also:**[UnicastRemoteObject](http://docs.google.com/java/rmi/server/UnicastRemoteObject.html), [Activatable](http://docs.google.com/java/rmi/activation/Activatable.html), [LocateRegistry](http://docs.google.com/java/rmi/registry/LocateRegistry.html)

| **Method Summary** | |
| --- | --- |
| [ServerSocket](http://docs.google.com/java/net/ServerSocket.html) | [**createServerSocket**](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html#createServerSocket(int))(int port)            Create a server socket on the specified port (port 0 indicates an anonymous port). |

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

### createServerSocket

[ServerSocket](http://docs.google.com/java/net/ServerSocket.html) **createServerSocket**(int port)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Create a server socket on the specified port (port 0 indicates an anonymous port).

**Parameters:**port - the port number **Returns:**the server socket on the specified port **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - if an I/O error occurs during server socket creation**Since:** 1.2

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RMIServerSocketFactory.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/RMIFailureHandler.html)   [**NEXT CLASS**](http://docs.google.com/java/rmi/server/RMISocketFactory.html) | [**FRAMES**](http://docs.google.com/index.html?java/rmi/server/RMIServerSocketFactory.html)    [**NO FRAMES**](http://docs.google.com/RMIServerSocketFactory.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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