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

## **java.rmi.registry**

Class LocateRegistry

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.rmi.registry.LocateRegistry**

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

LocateRegistry is used to obtain a reference to a bootstrap remote object registry on a particular host (including the local host), or to create a remote object registry that accepts calls on a specific port.

Note that a getRegistry call does not actually make a connection to the remote host. It simply creates a local reference to the remote registry and will succeed even if no registry is running on the remote host. Therefore, a subsequent method invocation to a remote registry returned as a result of this method may fail.

**Since:** JDK1.1 **See Also:**[Registry](http://docs.google.com/java/rmi/registry/Registry.html)

| **Method Summary** | |
| --- | --- |
| static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) | [**createRegistry**](http://docs.google.com/java/rmi/registry/LocateRegistry.html#createRegistry(int))(int port)            Creates and exports a Registry instance on the local host that accepts requests on the specified port. |
| static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) | [**createRegistry**](http://docs.google.com/java/rmi/registry/LocateRegistry.html#createRegistry(int,%20java.rmi.server.RMIClientSocketFactory,%20java.rmi.server.RMIServerSocketFactory))(int port, [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) csf, [RMIServerSocketFactory](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html) ssf)            Creates and exports a Registry instance on the local host that uses custom socket factories for communication with that instance. |
| static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) | [**getRegistry**](http://docs.google.com/java/rmi/registry/LocateRegistry.html#getRegistry())()            Returns a reference to the the remote object Registry for the local host on the default registry port of 1099. |
| static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) | [**getRegistry**](http://docs.google.com/java/rmi/registry/LocateRegistry.html#getRegistry(int))(int port)            Returns a reference to the the remote object Registry for the local host on the specified port. |
| static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) | [**getRegistry**](http://docs.google.com/java/rmi/registry/LocateRegistry.html#getRegistry(java.lang.String))([String](http://docs.google.com/java/lang/String.html) host)            Returns a reference to the remote object Registry on the specified host on the default registry port of 1099. |
| static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) | [**getRegistry**](http://docs.google.com/java/rmi/registry/LocateRegistry.html#getRegistry(java.lang.String,%20int))([String](http://docs.google.com/java/lang/String.html) host, int port)            Returns a reference to the remote object Registry on the specified host and port. |
| static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) | [**getRegistry**](http://docs.google.com/java/rmi/registry/LocateRegistry.html#getRegistry(java.lang.String,%20int,%20java.rmi.server.RMIClientSocketFactory))([String](http://docs.google.com/java/lang/String.html) host, int port, [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) csf)            Returns a locally created remote reference to the remote object Registry on the specified host and port. |

| **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)) |

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

### getRegistry

public static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) **getRegistry**()  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Returns a reference to the the remote object Registry for the local host on the default registry port of 1099.

**Returns:**reference (a stub) to the remote object registry **Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if the reference could not be created**Since:** JDK1.1

### getRegistry

public static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) **getRegistry**(int port)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Returns a reference to the the remote object Registry for the local host on the specified port.

**Parameters:**port - port on which the registry accepts requests **Returns:**reference (a stub) to the remote object registry **Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if the reference could not be created**Since:** JDK1.1

### getRegistry

public static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) **getRegistry**([String](http://docs.google.com/java/lang/String.html) host)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Returns a reference to the remote object Registry on the specified host on the default registry port of 1099. If host is null, the local host is used.

**Parameters:**host - host for the remote registry **Returns:**reference (a stub) to the remote object registry **Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if the reference could not be created**Since:** JDK1.1

### getRegistry

public static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) **getRegistry**([String](http://docs.google.com/java/lang/String.html) host,  
 int port)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Returns a reference to the remote object Registry on the specified host and port. If host is null, the local host is used.

**Parameters:**host - host for the remote registryport - port on which the registry accepts requests **Returns:**reference (a stub) to the remote object registry **Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if the reference could not be created**Since:** JDK1.1

### getRegistry

public static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) **getRegistry**([String](http://docs.google.com/java/lang/String.html) host,  
 int port,  
 [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) csf)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Returns a locally created remote reference to the remote object Registry on the specified host and port. Communication with this remote registry will use the supplied RMIClientSocketFactory csf to create Socket connections to the registry on the remote host and port.

**Parameters:**host - host for the remote registryport - port on which the registry accepts requestscsf - client-side Socket factory used to make connections to the registry. If csf is null, then the default client-side Socket factory will be used in the registry stub. **Returns:**reference (a stub) to the remote registry **Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if the reference could not be created**Since:** 1.2

### createRegistry

public static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) **createRegistry**(int port)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Creates and exports a Registry instance on the local host that accepts requests on the specified port.

The Registry instance is exported as if the static UnicastRemoteObject.exportObject method is invoked, passing the Registry instance and the specified port as arguments, except that the Registry instance is exported with a well-known object identifier, an [ObjID](http://docs.google.com/java/rmi/server/ObjID.html) instance constructed with the value [ObjID.REGISTRY\_ID](http://docs.google.com/java/rmi/server/ObjID.html#REGISTRY_ID).

**Parameters:**port - the port on which the registry accepts requests **Returns:**the registry **Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if the registry could not be exported**Since:** JDK1.1

### createRegistry

public static [Registry](http://docs.google.com/java/rmi/registry/Registry.html) **createRegistry**(int port,  
 [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) csf,  
 [RMIServerSocketFactory](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html) ssf)  
 throws [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Creates and exports a Registry instance on the local host that uses custom socket factories for communication with that instance. The registry that is created listens for incoming requests on the given port using a ServerSocket created from the supplied RMIServerSocketFactory.

The Registry instance is exported as if the static UnicastRemoteObject.exportObject method is invoked, passing the Registry instance, the specified port, the specified RMIClientSocketFactory, and the specified RMIServerSocketFactory as arguments, except that the Registry instance is exported with a well-known object identifier, an [ObjID](http://docs.google.com/java/rmi/server/ObjID.html) instance constructed with the value [ObjID.REGISTRY\_ID](http://docs.google.com/java/rmi/server/ObjID.html#REGISTRY_ID).

**Parameters:**port - port on which the registry accepts requestscsf - client-side Socket factory used to make connections to the registryssf - server-side ServerSocket factory used to accept connections to the registry **Returns:**the registry **Throws:** [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if the registry could not be exported**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/LocateRegistry.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   [**NEXT CLASS**](http://docs.google.com/java/rmi/registry/Registry.html) | [**FRAMES**](http://docs.google.com/index.html?java/rmi/registry/LocateRegistry.html)    [**NO FRAMES**](http://docs.google.com/LocateRegistry.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[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).