| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/rmi/activation/ActivationID.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/rmi/activation//class-useActivationID.html)    [**NO FRAMES**](http://docs.google.com/ActivationID.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.rmi.activation.ActivationID**

| Packages that use [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) | |
| --- | --- |
| [**java.rmi.activation**](#3znysh7) | Provides support for RMI Object Activation. |

| Uses of [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) in [java.rmi.activation](http://docs.google.com/java/rmi/activation/package-summary.html) | |
| --- | --- |

| Methods in [java.rmi.activation](http://docs.google.com/java/rmi/activation/package-summary.html) that return [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) | |
| --- | --- |
| static [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) | **Activatable.**[**exportObject**](http://docs.google.com/java/rmi/activation/Activatable.html#exportObject(java.rmi.Remote,%20java.lang.String,%20java.rmi.MarshalledObject,%20boolean,%20int))([Remote](http://docs.google.com/java/rmi/Remote.html) obj, [String](http://docs.google.com/java/lang/String.html) location, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<?> data, boolean restart, int port)            Registers an activation descriptor (with the specified location, data, and restart mode) for the specified object, and exports that object with the specified port. |
| static [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) | **Activatable.**[**exportObject**](http://docs.google.com/java/rmi/activation/Activatable.html#exportObject(java.rmi.Remote,%20java.lang.String,%20java.rmi.MarshalledObject,%20boolean,%20int,%20java.rmi.server.RMIClientSocketFactory,%20java.rmi.server.RMIServerSocketFactory))([Remote](http://docs.google.com/java/rmi/Remote.html) obj, [String](http://docs.google.com/java/lang/String.html) location, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<?> data, boolean restart, int port, [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) csf, [RMIServerSocketFactory](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html) ssf)            Registers an activation descriptor (with the specified location, data, and restart mode) for the specified object, and exports that object with the specified port, and the specified client and server socket factories. |
| protected  [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) | **Activatable.**[**getID**](http://docs.google.com/java/rmi/activation/Activatable.html#getID())()            Returns the object's activation identifier. |
| [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) | **ActivationSystem.**[**registerObject**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#registerObject(java.rmi.activation.ActivationDesc))([ActivationDesc](http://docs.google.com/java/rmi/activation/ActivationDesc.html) desc)            The registerObject method is used to register an activation descriptor, desc, and obtain an activation identifier for a activatable remote object. |

| Methods in [java.rmi.activation](http://docs.google.com/java/rmi/activation/package-summary.html) with parameters of type [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) | |
| --- | --- |
| [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<? extends [Remote](http://docs.google.com/java/rmi/Remote.html)> | **Activator.**[**activate**](http://docs.google.com/java/rmi/activation/Activator.html#activate(java.rmi.activation.ActivationID,%20boolean))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, boolean force)            Activate the object associated with the activation identifier, id. |
| protected  void | **ActivationGroup.**[**activeObject**](http://docs.google.com/java/rmi/activation/ActivationGroup.html#activeObject(java.rmi.activation.ActivationID,%20java.rmi.MarshalledObject))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<? extends [Remote](http://docs.google.com/java/rmi/Remote.html)> mobj)            This protected method is necessary for subclasses to make the activeObject callback to the group's monitor. |
| void | **ActivationMonitor.**[**activeObject**](http://docs.google.com/java/rmi/activation/ActivationMonitor.html#activeObject(java.rmi.activation.ActivationID,%20java.rmi.MarshalledObject))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<? extends [Remote](http://docs.google.com/java/rmi/Remote.html)> obj)            Informs that an object is now active. |
| abstract  void | **ActivationGroup.**[**activeObject**](http://docs.google.com/java/rmi/activation/ActivationGroup.html#activeObject(java.rmi.activation.ActivationID,%20java.rmi.Remote))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, [Remote](http://docs.google.com/java/rmi/Remote.html) obj)            The group's activeObject method is called when an object is exported (either by Activatable object construction or an explicit call to Activatable.exportObject. |
| static [Remote](http://docs.google.com/java/rmi/Remote.html) | **Activatable.**[**exportObject**](http://docs.google.com/java/rmi/activation/Activatable.html#exportObject(java.rmi.Remote,%20java.rmi.activation.ActivationID,%20int))([Remote](http://docs.google.com/java/rmi/Remote.html) obj, [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, int port)            Export the activatable remote object to the RMI runtime to make the object available to receive incoming calls. |
| static [Remote](http://docs.google.com/java/rmi/Remote.html) | **Activatable.**[**exportObject**](http://docs.google.com/java/rmi/activation/Activatable.html#exportObject(java.rmi.Remote,%20java.rmi.activation.ActivationID,%20int,%20java.rmi.server.RMIClientSocketFactory,%20java.rmi.server.RMIServerSocketFactory))([Remote](http://docs.google.com/java/rmi/Remote.html) obj, [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, int port, [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) csf, [RMIServerSocketFactory](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html) ssf)            Export the activatable remote object to the RMI runtime to make the object available to receive incoming calls. |
| [ActivationDesc](http://docs.google.com/java/rmi/activation/ActivationDesc.html) | **ActivationSystem.**[**getActivationDesc**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#getActivationDesc(java.rmi.activation.ActivationID))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id)            Returns the activation descriptor, for the object with the activation identifier, id. |
| static boolean | **Activatable.**[**inactive**](http://docs.google.com/java/rmi/activation/Activatable.html#inactive(java.rmi.activation.ActivationID))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id)            Informs the system that the object with the corresponding activation id is currently inactive. |
| boolean | **ActivationGroup.**[**inactiveObject**](http://docs.google.com/java/rmi/activation/ActivationGroup.html#inactiveObject(java.rmi.activation.ActivationID))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id)            The group's inactiveObject method is called indirectly via a call to the Activatable.inactive method. |
| void | **ActivationMonitor.**[**inactiveObject**](http://docs.google.com/java/rmi/activation/ActivationMonitor.html#inactiveObject(java.rmi.activation.ActivationID))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id)            An activation group calls its monitor's inactiveObject method when an object in its group becomes inactive (deactivates). |
| [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html) | **ActivationGroup\_Stub.**[**newInstance**](http://docs.google.com/java/rmi/activation/ActivationGroup_Stub.html#newInstance(java.rmi.activation.ActivationID,%20java.rmi.activation.ActivationDesc))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, [ActivationDesc](http://docs.google.com/java/rmi/activation/ActivationDesc.html) desc)            Stub method for ActivationGroup.newInstance. |
| [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<? extends [Remote](http://docs.google.com/java/rmi/Remote.html)> | **ActivationInstantiator.**[**newInstance**](http://docs.google.com/java/rmi/activation/ActivationInstantiator.html#newInstance(java.rmi.activation.ActivationID,%20java.rmi.activation.ActivationDesc))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, [ActivationDesc](http://docs.google.com/java/rmi/activation/ActivationDesc.html) desc)            The activator calls an instantiator's newInstance method in order to recreate in that group an object with the activation identifier, id, and descriptor, desc. |
| [ActivationDesc](http://docs.google.com/java/rmi/activation/ActivationDesc.html) | **ActivationSystem.**[**setActivationDesc**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#setActivationDesc(java.rmi.activation.ActivationID,%20java.rmi.activation.ActivationDesc))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, [ActivationDesc](http://docs.google.com/java/rmi/activation/ActivationDesc.html) desc)            Set the activation descriptor, desc for the object with the activation identifier, id. |
| static void | **Activatable.**[**unregister**](http://docs.google.com/java/rmi/activation/Activatable.html#unregister(java.rmi.activation.ActivationID))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id)            Revokes previous registration for the activation descriptor associated with id. |
| void | **ActivationSystem.**[**unregisterObject**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#unregisterObject(java.rmi.activation.ActivationID))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id)            Remove the activation id and associated descriptor previously registered with the ActivationSystem; the object can no longer be activated via the object's activation id. |

| Constructors in [java.rmi.activation](http://docs.google.com/java/rmi/activation/package-summary.html) with parameters of type [ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) | |
| --- | --- |
| [**Activatable**](http://docs.google.com/java/rmi/activation/Activatable.html#Activatable(java.rmi.activation.ActivationID,%20int))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, int port)            Constructor used to activate/export the object on a specified port. |
| [**Activatable**](http://docs.google.com/java/rmi/activation/Activatable.html#Activatable(java.rmi.activation.ActivationID,%20int,%20java.rmi.server.RMIClientSocketFactory,%20java.rmi.server.RMIServerSocketFactory))([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id, int port, [RMIClientSocketFactory](http://docs.google.com/java/rmi/server/RMIClientSocketFactory.html) csf, [RMIServerSocketFactory](http://docs.google.com/java/rmi/server/RMIServerSocketFactory.html) ssf)            Constructor used to activate/export the object on a specified port. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/rmi/activation/ActivationID.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/rmi/activation//class-useActivationID.html)    [**NO FRAMES**](http://docs.google.com/ActivationID.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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