| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/rmi/activation/ActivationException.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-useActivationException.html)    [**NO FRAMES**](http://docs.google.com/ActivationException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.rmi.activation.ActivationException**

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

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

| Subclasses of [ActivationException](http://docs.google.com/java/rmi/activation/ActivationException.html) in [java.rmi.activation](http://docs.google.com/java/rmi/activation/package-summary.html) | |
| --- | --- |
| class | [**UnknownGroupException**](http://docs.google.com/java/rmi/activation/UnknownGroupException.html)            An UnknownGroupException is thrown by methods of classes and interfaces in the java.rmi.activation package when the ActivationGroupID parameter to the method is determined to be invalid, i.e., not known by the ActivationSystem. |
| class | [**UnknownObjectException**](http://docs.google.com/java/rmi/activation/UnknownObjectException.html)            An UnknownObjectException is thrown by methods of classes and interfaces in the java.rmi.activation package when the ActivationID parameter to the method is determined to be invalid. |

| Methods in [java.rmi.activation](http://docs.google.com/java/rmi/activation/package-summary.html) that throw [ActivationException](http://docs.google.com/java/rmi/activation/ActivationException.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. |
| [Remote](http://docs.google.com/java/rmi/Remote.html) | **ActivationID.**[**activate**](http://docs.google.com/java/rmi/activation/ActivationID.html#activate(boolean))(boolean force)            Activate the object for this id. |
| [ActivationMonitor](http://docs.google.com/java/rmi/activation/ActivationMonitor.html) | **ActivationSystem.**[**activeGroup**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#activeGroup(java.rmi.activation.ActivationGroupID,%20java.rmi.activation.ActivationInstantiator,%20long))([ActivationGroupID](http://docs.google.com/java/rmi/activation/ActivationGroupID.html) id, [ActivationInstantiator](http://docs.google.com/java/rmi/activation/ActivationInstantiator.html) group, long incarnation)            Callback to inform activation system that group is now active. |
| 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. |
| 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 [ActivationGroup](http://docs.google.com/java/rmi/activation/ActivationGroup.html) | **ActivationGroup.**[**createGroup**](http://docs.google.com/java/rmi/activation/ActivationGroup.html#createGroup(java.rmi.activation.ActivationGroupID,%20java.rmi.activation.ActivationGroupDesc,%20long))([ActivationGroupID](http://docs.google.com/java/rmi/activation/ActivationGroupID.html) id, [ActivationGroupDesc](http://docs.google.com/java/rmi/activation/ActivationGroupDesc.html) desc, long incarnation)            Create and set the activation group for the current VM. |
| 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. |
| [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. |
| [ActivationGroupDesc](http://docs.google.com/java/rmi/activation/ActivationGroupDesc.html) | **ActivationSystem.**[**getActivationGroupDesc**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#getActivationGroupDesc(java.rmi.activation.ActivationGroupID))([ActivationGroupID](http://docs.google.com/java/rmi/activation/ActivationGroupID.html) id)            Returns the activation group descriptor, for the group with the activation group identifier, id. |
| static [ActivationSystem](http://docs.google.com/java/rmi/activation/ActivationSystem.html) | **ActivationGroup.**[**getSystem**](http://docs.google.com/java/rmi/activation/ActivationGroup.html#getSystem())()            Returns the activation system for the VM. |
| 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. |
| [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. |
| static [Remote](http://docs.google.com/java/rmi/Remote.html) | **Activatable.**[**register**](http://docs.google.com/java/rmi/activation/Activatable.html#register(java.rmi.activation.ActivationDesc))([ActivationDesc](http://docs.google.com/java/rmi/activation/ActivationDesc.html) desc)            Register an object descriptor for an activatable remote object so that is can be activated on demand. |
| [ActivationGroupID](http://docs.google.com/java/rmi/activation/ActivationGroupID.html) | **ActivationSystem.**[**registerGroup**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#registerGroup(java.rmi.activation.ActivationGroupDesc))([ActivationGroupDesc](http://docs.google.com/java/rmi/activation/ActivationGroupDesc.html) desc)            Register the activation group. |
| [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. |
| [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. |
| [ActivationGroupDesc](http://docs.google.com/java/rmi/activation/ActivationGroupDesc.html) | **ActivationSystem.**[**setActivationGroupDesc**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#setActivationGroupDesc(java.rmi.activation.ActivationGroupID,%20java.rmi.activation.ActivationGroupDesc))([ActivationGroupID](http://docs.google.com/java/rmi/activation/ActivationGroupID.html) id, [ActivationGroupDesc](http://docs.google.com/java/rmi/activation/ActivationGroupDesc.html) desc)            Set the activation group descriptor, desc for the object with the activation group identifier, id. |
| static void | **ActivationGroup.**[**setSystem**](http://docs.google.com/java/rmi/activation/ActivationGroup.html#setSystem(java.rmi.activation.ActivationSystem))([ActivationSystem](http://docs.google.com/java/rmi/activation/ActivationSystem.html) system)            Set the activation system for the VM. |
| 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.**[**unregisterGroup**](http://docs.google.com/java/rmi/activation/ActivationSystem.html#unregisterGroup(java.rmi.activation.ActivationGroupID))([ActivationGroupID](http://docs.google.com/java/rmi/activation/ActivationGroupID.html) id)            Remove the activation group. |
| 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) that throw [ActivationException](http://docs.google.com/java/rmi/activation/ActivationException.html) | |
| --- | --- |
| [**Activatable**](http://docs.google.com/java/rmi/activation/Activatable.html#Activatable(java.lang.String,%20java.rmi.MarshalledObject,%20boolean,%20int))([String](http://docs.google.com/java/lang/String.html) location, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<?> data, boolean restart, int port)            Constructs an activatable remote object by registering an activation descriptor (with the specified location, data, and restart mode) for this object, and exporting the object with the specified port. |
| [**Activatable**](http://docs.google.com/java/rmi/activation/Activatable.html#Activatable(java.lang.String,%20java.rmi.MarshalledObject,%20boolean,%20int,%20java.rmi.server.RMIClientSocketFactory,%20java.rmi.server.RMIServerSocketFactory))([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)            Constructs an activatable remote object by registering an activation descriptor (with the specified location, data, and restart mode) for this object, and exporting the object with the specified port, and specified client and server socket factories. |
| [**ActivationDesc**](http://docs.google.com/java/rmi/activation/ActivationDesc.html#ActivationDesc(java.lang.String,%20java.lang.String,%20java.rmi.MarshalledObject))([String](http://docs.google.com/java/lang/String.html) className, [String](http://docs.google.com/java/lang/String.html) location, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<?> data)            Constructs an object descriptor for an object whose class name is className, that can be loaded from the code location and whose initialization information is data. |
| [**ActivationDesc**](http://docs.google.com/java/rmi/activation/ActivationDesc.html#ActivationDesc(java.lang.String,%20java.lang.String,%20java.rmi.MarshalledObject,%20boolean))([String](http://docs.google.com/java/lang/String.html) className, [String](http://docs.google.com/java/lang/String.html) location, [MarshalledObject](http://docs.google.com/java/rmi/MarshalledObject.html)<?> data, boolean restart)            Constructs an object descriptor for an object whose class name is className, that can be loaded from the code location and whose initialization information is data. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/rmi/activation/ActivationException.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-useActivationException.html)    [**NO FRAMES**](http://docs.google.com/ActivationException.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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