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

## **java.rmi.activation**

Interface ActivationMonitor

**All Superinterfaces:** [Remote](http://docs.google.com/java/rmi/Remote.html)

public interface **ActivationMonitor**extends [Remote](http://docs.google.com/java/rmi/Remote.html)

An ActivationMonitor is specific to an ActivationGroup and is obtained when a group is reported active via a call to ActivationSystem.activeGroup (this is done internally). An activation group is responsible for informing its ActivationMonitor when either: its objects become active or inactive, or the group as a whole becomes inactive.

**Since:** 1.2 **See Also:**[Activator](http://docs.google.com/java/rmi/activation/Activator.html), [ActivationSystem](http://docs.google.com/java/rmi/activation/ActivationSystem.html), [ActivationGroup](http://docs.google.com/java/rmi/activation/ActivationGroup.html)

| **Method Summary** | |
| --- | --- |
| void | [**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. |
| void | [**inactiveGroup**](http://docs.google.com/java/rmi/activation/ActivationMonitor.html#inactiveGroup(java.rmi.activation.ActivationGroupID,%20long))([ActivationGroupID](http://docs.google.com/java/rmi/activation/ActivationGroupID.html) id, long incarnation)            Informs that the group is now inactive. |
| void | [**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). |

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

### inactiveObject

void **inactiveObject**([ActivationID](http://docs.google.com/java/rmi/activation/ActivationID.html) id)  
 throws [UnknownObjectException](http://docs.google.com/java/rmi/activation/UnknownObjectException.html),  
 [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

An activation group calls its monitor's inactiveObject method when an object in its group becomes inactive (deactivates). An activation group discovers that an object (that it participated in activating) in its VM is no longer active, via calls to the activation group's inactiveObject method.

The inactiveObject call informs the ActivationMonitor that the remote object reference it holds for the object with the activation identifier, id, is no longer valid. The monitor considers the reference associated with id as a stale reference. Since the reference is considered stale, a subsequent activate call for the same activation identifier results in re-activating the remote object.

**Parameters:**id - the object's activation identifier **Throws:** [UnknownObjectException](http://docs.google.com/java/rmi/activation/UnknownObjectException.html) - if object is unknown [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if remote call fails**Since:** 1.2

### activeObject

void **activeObject**([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)  
 throws [UnknownObjectException](http://docs.google.com/java/rmi/activation/UnknownObjectException.html),  
 [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Informs that an object is now active. An ActivationGroup informs its monitor if an object in its group becomes active by other means than being activated directly (i.e., the object is registered and "activated" itself).

**Parameters:**id - the active object's idobj - the marshalled form of the object's stub **Throws:** [UnknownObjectException](http://docs.google.com/java/rmi/activation/UnknownObjectException.html) - if object is unknown [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if remote call fails**Since:** 1.2

### inactiveGroup

void **inactiveGroup**([ActivationGroupID](http://docs.google.com/java/rmi/activation/ActivationGroupID.html) id,  
 long incarnation)  
 throws [UnknownGroupException](http://docs.google.com/java/rmi/activation/UnknownGroupException.html),  
 [RemoteException](http://docs.google.com/java/rmi/RemoteException.html)

Informs that the group is now inactive. The group will be recreated upon a subsequent request to activate an object within the group. A group becomes inactive when all objects in the group report that they are inactive.

**Parameters:**id - the group's idincarnation - the group's incarnation number **Throws:** [UnknownGroupException](http://docs.google.com/java/rmi/activation/UnknownGroupException.html) - if group is unknown [RemoteException](http://docs.google.com/java/rmi/RemoteException.html) - if remote call fails**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/ActivationMonitor.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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| 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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