| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ServantActivatorOperations.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/org/omg/PortableServer/ServantActivatorHelper.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/PortableServer/ServantActivatorPOA.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/PortableServer/ServantActivatorOperations.html)    [**NO FRAMES**](http://docs.google.com/ServantActivatorOperations.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **org.omg.PortableServer**

Interface ServantActivatorOperations

**All Superinterfaces:** [ServantManagerOperations](http://docs.google.com/org/omg/PortableServer/ServantManagerOperations.html) **All Known Subinterfaces:** [ServantActivator](http://docs.google.com/org/omg/PortableServer/ServantActivator.html) **All Known Implementing Classes:** [\_ServantActivatorStub](http://docs.google.com/org/omg/PortableServer/_ServantActivatorStub.html), [ServantActivatorPOA](http://docs.google.com/org/omg/PortableServer/ServantActivatorPOA.html)

public interface **ServantActivatorOperations**extends [ServantManagerOperations](http://docs.google.com/org/omg/PortableServer/ServantManagerOperations.html)

When the POA has the RETAIN policy it uses servant managers that are ServantActivators.

| **Method Summary** | |
| --- | --- |
| void | [**etherealize**](http://docs.google.com/org/omg/PortableServer/ServantActivatorOperations.html#etherealize(byte%5B%5D,%20org.omg.PortableServer.POA,%20org.omg.PortableServer.Servant,%20boolean,%20boolean))(byte[] oid, [POA](http://docs.google.com/org/omg/PortableServer/POA.html) adapter, [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) serv, boolean cleanup\_in\_progress, boolean remaining\_activations)            This operation is invoked whenever a servant for an object is deactivated, assuming the POA has the USE\_SERVANT\_MANAGER and RETAIN policies. |
| [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | [**incarnate**](http://docs.google.com/org/omg/PortableServer/ServantActivatorOperations.html#incarnate(byte%5B%5D,%20org.omg.PortableServer.POA))(byte[] oid, [POA](http://docs.google.com/org/omg/PortableServer/POA.html) adapter)            This operation is invoked by the POA whenever the POA receives a request for an object that is not currently active, assuming the POA has the USE\_SERVANT\_MANAGER and RETAIN policies. |

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

### incarnate

[Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) **incarnate**(byte[] oid,  
 [POA](http://docs.google.com/org/omg/PortableServer/POA.html) adapter)  
 throws [ForwardRequest](http://docs.google.com/org/omg/PortableServer/ForwardRequest.html)

This operation is invoked by the POA whenever the POA receives a request for an object that is not currently active, assuming the POA has the USE\_SERVANT\_MANAGER and RETAIN policies.

**Parameters:**oid - object Id associated with the object on the request was made.adapter - object reference for the POA in which the object is being activated. **Returns:**Servant corresponding to oid is created or located by the user supplied servant manager. **Throws:** [ForwardRequest](http://docs.google.com/org/omg/PortableServer/ForwardRequest.html) - to indicate to the ORB that it is responsible for delivering the current request and subsequent requests to the object denoted in the forward\_reference member of the exception.

### etherealize

void **etherealize**(byte[] oid,  
 [POA](http://docs.google.com/org/omg/PortableServer/POA.html) adapter,  
 [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) serv,  
 boolean cleanup\_in\_progress,  
 boolean remaining\_activations)

This operation is invoked whenever a servant for an object is deactivated, assuming the POA has the USE\_SERVANT\_MANAGER and RETAIN policies.

**Parameters:**oid - object Id associated with the object being deactivated.adapter - object reference for the POA in which the object was active.serv - contains reference to the servant associated with the object being deactivated.cleanup\_in\_progress - if TRUE indicates that destroy or deactivate is called with etherealize\_objects param of TRUE. FALSE indicates that etherealize was called due to other reasons.remaining\_activations - indicates whether the Servant Manager can destroy a servant. If set to TRUE, the Servant Manager should wait until all invocations in progress have completed.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ServantActivatorOperations.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/org/omg/PortableServer/ServantActivatorHelper.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/PortableServer/ServantActivatorPOA.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/PortableServer/ServantActivatorOperations.html)    [**NO FRAMES**](http://docs.google.com/ServantActivatorOperations.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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