| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/_ServantActivatorStub.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/org/omg/PortableServer/_ServantLocatorStub.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/PortableServer/_ServantActivatorStub.html)    [**NO FRAMES**](http://docs.google.com/_ServantActivatorStub.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## **org.omg.PortableServer**

Class \_ServantActivatorStub

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [org.omg.CORBA.portable.ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html)  
 **org.omg.PortableServer.\_ServantActivatorStub**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Object](http://docs.google.com/org/omg/CORBA/Object.html), [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html), [ServantActivator](http://docs.google.com/org/omg/PortableServer/ServantActivator.html), [ServantActivatorOperations](http://docs.google.com/org/omg/PortableServer/ServantActivatorOperations.html), [ServantManager](http://docs.google.com/org/omg/PortableServer/ServantManager.html), [ServantManagerOperations](http://docs.google.com/org/omg/PortableServer/ServantManagerOperations.html)

public class **\_ServantActivatorStub**extends [ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html)implements [ServantActivator](http://docs.google.com/org/omg/PortableServer/ServantActivator.html)

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

| **Field Summary** | |
| --- | --- |
| static [Class](http://docs.google.com/java/lang/Class.html) | [**\_opsClass**](http://docs.google.com/org/omg/PortableServer/_ServantActivatorStub.html#_opsClass) |

| **Constructor Summary** | |
| --- | --- |
| [**\_ServantActivatorStub**](http://docs.google.com/org/omg/PortableServer/_ServantActivatorStub.html#_ServantActivatorStub())() |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html)[] | [**\_ids**](http://docs.google.com/org/omg/PortableServer/_ServantActivatorStub.html#_ids())()            Retrieves a string array containing the repository identifiers supported by this ObjectImpl object. |
| void | [**etherealize**](http://docs.google.com/org/omg/PortableServer/_ServantActivatorStub.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/_ServantActivatorStub.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. |

| **Methods inherited from class org.omg.CORBA.portable.**[**ObjectImpl**](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html) |
| --- |
| [\_create\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue)), [\_create\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue,%20org.omg.CORBA.ExceptionList,%20org.omg.CORBA.ContextList)), [\_duplicate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_duplicate()), [\_get\_delegate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_delegate()), [\_get\_domain\_managers](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_domain_managers()), [\_get\_interface\_def](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_interface_def()), [\_get\_policy](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_policy(int)), [\_hash](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_hash(int)), [\_invoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_invoke(org.omg.CORBA.portable.OutputStream)), [\_is\_a](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_a(java.lang.String)), [\_is\_equivalent](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_equivalent(org.omg.CORBA.Object)), [\_is\_local](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_local()), [\_non\_existent](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_non_existent()), [\_orb](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_orb()), [\_release](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_release()), [\_releaseReply](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_releaseReply(org.omg.CORBA.portable.InputStream)), [\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_request(java.lang.String)), [\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_request(java.lang.String,%20boolean)), [\_servant\_postinvoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_servant_postinvoke(org.omg.CORBA.portable.ServantObject)), [\_servant\_preinvoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_servant_preinvoke(java.lang.String,%20java.lang.Class)), [\_set\_delegate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_set_delegate(org.omg.CORBA.portable.Delegate)), [\_set\_policy\_override](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_set_policy_override(org.omg.CORBA.Policy%5B%5D,%20org.omg.CORBA.SetOverrideType)), [equals](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#equals(java.lang.Object)), [hashCode](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#hashCode()), [toString](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#toString()) |

| **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()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [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)) |

| **Methods inherited from interface org.omg.CORBA.**[**Object**](http://docs.google.com/org/omg/CORBA/Object.html) |
| --- |
| [\_create\_request](http://docs.google.com/org/omg/CORBA/Object.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue)), [\_create\_request](http://docs.google.com/org/omg/CORBA/Object.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue,%20org.omg.CORBA.ExceptionList,%20org.omg.CORBA.ContextList)), [\_duplicate](http://docs.google.com/org/omg/CORBA/Object.html#_duplicate()), [\_get\_domain\_managers](http://docs.google.com/org/omg/CORBA/Object.html#_get_domain_managers()), [\_get\_interface\_def](http://docs.google.com/org/omg/CORBA/Object.html#_get_interface_def()), [\_get\_policy](http://docs.google.com/org/omg/CORBA/Object.html#_get_policy(int)), [\_hash](http://docs.google.com/org/omg/CORBA/Object.html#_hash(int)), [\_is\_a](http://docs.google.com/org/omg/CORBA/Object.html#_is_a(java.lang.String)), [\_is\_equivalent](http://docs.google.com/org/omg/CORBA/Object.html#_is_equivalent(org.omg.CORBA.Object)), [\_non\_existent](http://docs.google.com/org/omg/CORBA/Object.html#_non_existent()), [\_release](http://docs.google.com/org/omg/CORBA/Object.html#_release()), [\_request](http://docs.google.com/org/omg/CORBA/Object.html#_request(java.lang.String)), [\_set\_policy\_override](http://docs.google.com/org/omg/CORBA/Object.html#_set_policy_override(org.omg.CORBA.Policy%5B%5D,%20org.omg.CORBA.SetOverrideType)) |

| **Field Detail** |
| --- |

### \_opsClass

public static final [Class](http://docs.google.com/java/lang/Class.html) **\_opsClass**

| **Constructor Detail** |
| --- |

### \_ServantActivatorStub

public **\_ServantActivatorStub**()

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

### incarnate

public [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.

**Specified by:**[incarnate](http://docs.google.com/org/omg/PortableServer/ServantActivatorOperations.html#incarnate(byte%5B%5D,%20org.omg.PortableServer.POA)) in interface [ServantActivatorOperations](http://docs.google.com/org/omg/PortableServer/ServantActivatorOperations.html) **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

public 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.

**Specified by:**[etherealize](http://docs.google.com/org/omg/PortableServer/ServantActivatorOperations.html#etherealize(byte%5B%5D,%20org.omg.PortableServer.POA,%20org.omg.PortableServer.Servant,%20boolean,%20boolean)) in interface [ServantActivatorOperations](http://docs.google.com/org/omg/PortableServer/ServantActivatorOperations.html) **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.

### \_ids

public [String](http://docs.google.com/java/lang/String.html)[] **\_ids**()

**Description copied from class:** [**ObjectImpl**](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_ids()) Retrieves a string array containing the repository identifiers supported by this ObjectImpl object. For example, for a stub, this method returns information about all the interfaces supported by the stub.

**Specified by:**[\_ids](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_ids()) in class [ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html) **Returns:**the array of all repository identifiers supported by this ObjectImpl instance

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/_ServantActivatorStub.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/org/omg/PortableServer/_ServantLocatorStub.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/PortableServer/_ServantActivatorStub.html)    [**NO FRAMES**](http://docs.google.com/_ServantActivatorStub.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

[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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