| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/omg/PortableServer/Servant.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?org/omg/PortableServer//class-useServant.html)    [**NO FRAMES**](http://docs.google.com/Servant.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**org.omg.PortableServer.Servant**

| Packages that use [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | |
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| [**org.omg.CosNaming**](#3znysh7) | Provides a naming service for Java IDL. |
| [**org.omg.PortableServer**](#2et92p0) | Provides classes and interfaces for making the server side of your applications portable across multivendor ORBs. |
| [**org.omg.PortableServer.portable**](#tyjcwt) | Provides classes and interfaces for making the server side of your applications portable across multivendor ORBs. |

| Uses of [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) in [org.omg.CosNaming](http://docs.google.com/org/omg/CosNaming/package-summary.html) | |
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| Subclasses of [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) in [org.omg.CosNaming](http://docs.google.com/org/omg/CosNaming/package-summary.html) | |
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| class | [**BindingIteratorPOA**](http://docs.google.com/org/omg/CosNaming/BindingIteratorPOA.html)            The BindingIterator interface allows a client to iterate through the bindings using the next\_one or next\_n operations. |
| class | [**NamingContextExtPOA**](http://docs.google.com/org/omg/CosNaming/NamingContextExtPOA.html)            NamingContextExt is the extension of NamingContext which contains a set of name bindings in which each name is unique and is part of Interoperable Naming Service. |
| class | [**NamingContextPOA**](http://docs.google.com/org/omg/CosNaming/NamingContextPOA.html)            A naming context is an object that contains a set of name bindings in which each name is unique. |

| Uses of [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html) | |
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| Subclasses of [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html) | |
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| class | [**DynamicImplementation**](http://docs.google.com/org/omg/PortableServer/DynamicImplementation.html)            Allows dynamic handling of object invocations. |
| class | [**ServantActivatorPOA**](http://docs.google.com/org/omg/PortableServer/ServantActivatorPOA.html)            When the POA has the RETAIN policy it uses servant managers that are ServantActivators. |
| class | [**ServantLocatorPOA**](http://docs.google.com/org/omg/PortableServer/ServantLocatorPOA.html)            When the POA has the NON\_RETAIN policy it uses servant managers that are ServantLocators. |

| Methods in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html) that return [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | |
| --- | --- |
| [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | **POAOperations.**[**get\_servant**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#get_servant())()            This operation returns the default servant associated with the POA. |
| [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | **POAOperations.**[**id\_to\_servant**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#id_to_servant(byte%5B%5D))(byte[] oid)            If the POA has the RETAIN policy and the specified ObjectId is in the Active Object Map, this operation returns the servant associated with that object in the Active Object Map. |
| [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | **\_ServantActivatorStub.**[**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. |
| [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | **ServantActivatorOperations.**[**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. |
| [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | **\_ServantLocatorStub.**[**preinvoke**](http://docs.google.com/org/omg/PortableServer/_ServantLocatorStub.html#preinvoke(byte%5B%5D,%20org.omg.PortableServer.POA,%20java.lang.String,%20org.omg.PortableServer.ServantLocatorPackage.CookieHolder))(byte[] oid, [POA](http://docs.google.com/org/omg/PortableServer/POA.html) adapter, [String](http://docs.google.com/java/lang/String.html) operation, [CookieHolder](http://docs.google.com/org/omg/PortableServer/ServantLocatorPackage/CookieHolder.html) the\_cookie)            This operations is used to get a servant that will be used to process the request that caused preinvoke to be called. |
| [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | **ServantLocatorOperations.**[**preinvoke**](http://docs.google.com/org/omg/PortableServer/ServantLocatorOperations.html#preinvoke(byte%5B%5D,%20org.omg.PortableServer.POA,%20java.lang.String,%20org.omg.PortableServer.ServantLocatorPackage.CookieHolder))(byte[] oid, [POA](http://docs.google.com/org/omg/PortableServer/POA.html) adapter, [String](http://docs.google.com/java/lang/String.html) operation, [CookieHolder](http://docs.google.com/org/omg/PortableServer/ServantLocatorPackage/CookieHolder.html) the\_cookie)            This operations is used to get a servant that will be used to process the request that caused preinvoke to be called. |
| [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | **POAOperations.**[**reference\_to\_servant**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#reference_to_servant(org.omg.CORBA.Object))([Object](http://docs.google.com/org/omg/CORBA/Object.html) reference)            If the POA has the RETAIN policy and the specified object is present in the Active Object Map, this operation returns the servant associated with that object in the Active Object Map. |

| Methods in [org.omg.PortableServer](http://docs.google.com/org/omg/PortableServer/package-summary.html) with parameters of type [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | |
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| void | **POAOperations.**[**activate\_object\_with\_id**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#activate_object_with_id(byte%5B%5D,%20org.omg.PortableServer.Servant))(byte[] id, [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) p\_servant)            This operation enters an association between the specified Object Id and the specified servant in the Active Object Map. |
| byte[] | **POAOperations.**[**activate\_object**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#activate_object(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) p\_servant)            This operation generates an Object Id and enters the Object Id and the specified servant in the Active Object Map. |
| void | **\_ServantActivatorStub.**[**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. |
| void | **ServantActivatorOperations.**[**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. |
| void | **\_ServantLocatorStub.**[**postinvoke**](http://docs.google.com/org/omg/PortableServer/_ServantLocatorStub.html#postinvoke(byte%5B%5D,%20org.omg.PortableServer.POA,%20java.lang.String,%20java.lang.Object,%20org.omg.PortableServer.Servant))(byte[] oid, [POA](http://docs.google.com/org/omg/PortableServer/POA.html) adapter, [String](http://docs.google.com/java/lang/String.html) operation, [Object](http://docs.google.com/java/lang/Object.html) the\_cookie, [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) the\_servant)            This operation is invoked whenener a servant completes a request. |
| void | **ServantLocatorOperations.**[**postinvoke**](http://docs.google.com/org/omg/PortableServer/ServantLocatorOperations.html#postinvoke(byte%5B%5D,%20org.omg.PortableServer.POA,%20java.lang.String,%20java.lang.Object,%20org.omg.PortableServer.Servant))(byte[] oid, [POA](http://docs.google.com/org/omg/PortableServer/POA.html) adapter, [String](http://docs.google.com/java/lang/String.html) operation, [Object](http://docs.google.com/java/lang/Object.html) the\_cookie, [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) the\_servant)            This operation is invoked whenener a servant completes a request. |
| byte[] | **POAOperations.**[**servant\_to\_id**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#servant_to_id(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) p\_servant)            This operation has four possible behaviors. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | **POAOperations.**[**servant\_to\_reference**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#servant_to_reference(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) p\_servant)            This operation requires the RETAIN policy and either the UNIQUE\_ID or IMPLICIT\_ACTIVATION policies if invoked outside the context of an operation dispatched by this POA. |
| void | **POAOperations.**[**set\_servant**](http://docs.google.com/org/omg/PortableServer/POAOperations.html#set_servant(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) p\_servant)            This operation registers the specified servant with the POA as the default servant. |

| Uses of [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) in [org.omg.PortableServer.portable](http://docs.google.com/org/omg/PortableServer/portable/package-summary.html) | |
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| Methods in [org.omg.PortableServer.portable](http://docs.google.com/org/omg/PortableServer/portable/package-summary.html) with parameters of type [Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) | |
| --- | --- |
| [POA](http://docs.google.com/org/omg/PortableServer/POA.html) | **Delegate.**[**default\_POA**](http://docs.google.com/org/omg/PortableServer/portable/Delegate.html#default_POA(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)            The default behavior of this function is to return the root POA from the ORB instance associated with the servant. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | **Delegate.**[**get\_interface\_def**](http://docs.google.com/org/omg/PortableServer/portable/Delegate.html#get_interface_def(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) self)            This operation returns an object in the Interface Repository which provides type information that may be useful to a program. |
| boolean | **Delegate.**[**is\_a**](http://docs.google.com/org/omg/PortableServer/portable/Delegate.html#is_a(org.omg.PortableServer.Servant,%20java.lang.String))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self, [String](http://docs.google.com/java/lang/String.html) Repository\_Id)            This method checks to see if the specified repid is present on the list returned by \_all\_interfaces() or is the repository id for the generic CORBA Object. |
| boolean | **Delegate.**[**non\_existent**](http://docs.google.com/org/omg/PortableServer/portable/Delegate.html#non_existent(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)            This operation is used to check for the existence of the Object. |
| byte[] | **Delegate.**[**object\_id**](http://docs.google.com/org/omg/PortableServer/portable/Delegate.html#object_id(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)            The method \_object\_id() is equivalent to calling PortableServer::Current::get\_object\_id. |
| [ORB](http://docs.google.com/org/omg/CORBA/ORB.html) | **Delegate.**[**orb**](http://docs.google.com/org/omg/PortableServer/portable/Delegate.html#orb(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)            Convenience method that returns the instance of the ORB currently associated with the Servant. |
| [POA](http://docs.google.com/org/omg/PortableServer/POA.html) | **Delegate.**[**poa**](http://docs.google.com/org/omg/PortableServer/portable/Delegate.html#poa(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)            The method \_poa() is equivalent to calling PortableServer::Current:get\_POA. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | **Delegate.**[**this\_object**](http://docs.google.com/org/omg/PortableServer/portable/Delegate.html#this_object(org.omg.PortableServer.Servant))([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)            This allows the servant to obtain the object reference for the target CORBA Object it is incarnating for that request. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/omg/PortableServer/Servant.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?org/omg/PortableServer//class-useServant.html)    [**NO FRAMES**](http://docs.google.com/Servant.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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