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

## **org.omg.PortableServer.portable**

Interface Delegate

public interface **Delegate**

The portability package contains interfaces and classes that are designed for and intended to be used by ORB implementor. It exposes the publicly defined APIs that are used to connect stubs and skeletons to the ORB. The Delegate interface provides the ORB vendor specific implementation of PortableServer::Servant. Conformant to spec CORBA V2.3.1, ptc/00-01-08.pdf

| **Method Summary** | |
| --- | --- |
| [POA](http://docs.google.com/org/omg/PortableServer/POA.html) | [**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) | [**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 | [**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 | [**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[] | [**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) | [**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) | [**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) | [**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. |

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

### orb

[ORB](http://docs.google.com/org/omg/CORBA/ORB.html) **orb**([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.

**Parameters:**Self - the servant. **Returns:**ORB associated with the Servant.

### this\_object

[Object](http://docs.google.com/org/omg/CORBA/Object.html) **this\_object**([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.

**Parameters:**Self - the servant. **Returns:**Object reference associated with the request.

### poa

[POA](http://docs.google.com/org/omg/PortableServer/POA.html) **poa**([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)

The method \_poa() is equivalent to calling PortableServer::Current:get\_POA.

**Parameters:**Self - the servant. **Returns:**POA associated with the servant.

### object\_id

byte[] **object\_id**([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)

The method \_object\_id() is equivalent to calling PortableServer::Current::get\_object\_id.

**Parameters:**Self - the servant. **Returns:**ObjectId associated with this servant.

### default\_POA

[POA](http://docs.google.com/org/omg/PortableServer/POA.html) **default\_POA**([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.

**Parameters:**Self - the servant. **Returns:**POA associated with the servant class.

### is\_a

boolean **is\_a**([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.

**Parameters:**Self - the servant.Repository\_Id - the repository\_id to be checked in the repository list or against the id of generic CORBA object. **Returns:**boolean indicating whether the specified repid is in the list or is same as that got generic CORBA object.

### non\_existent

boolean **non\_existent**([Servant](http://docs.google.com/org/omg/PortableServer/Servant.html) Self)

This operation is used to check for the existence of the Object.

**Parameters:**Self - the servant. **Returns:**boolean true to indicate that object does not exist, and false otherwise.

### get\_interface\_def

[Object](http://docs.google.com/org/omg/CORBA/Object.html) **get\_interface\_def**([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.

**Parameters:**self - the servant. **Returns:**type information corresponding to the object.

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