| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/org/omg/PortableServer/POAManagerPackage/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/org/omg/PortableServer/portable/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/PortableServer/POAPackage/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package org.omg.PortableServer.POAPackage

Allows programmers to construct object implementations that are portable between different ORB products.

**See:**

[**Description**](#3znysh7)

| **Class Summary** | |
| --- | --- |
| [**AdapterAlreadyExistsHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/AdapterAlreadyExistsHelper.html) | org/omg/PortableServer/POAPackage/AdapterAlreadyExistsHelper.java . |
| [**AdapterNonExistentHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/AdapterNonExistentHelper.html) | org/omg/PortableServer/POAPackage/AdapterNonExistentHelper.java . |
| [**InvalidPolicyHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/InvalidPolicyHelper.html) | org/omg/PortableServer/POAPackage/InvalidPolicyHelper.java . |
| [**NoServantHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/NoServantHelper.html) | org/omg/PortableServer/POAPackage/NoServantHelper.java . |
| [**ObjectAlreadyActiveHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/ObjectAlreadyActiveHelper.html) | org/omg/PortableServer/POAPackage/ObjectAlreadyActiveHelper.java . |
| [**ObjectNotActiveHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/ObjectNotActiveHelper.html) | org/omg/PortableServer/POAPackage/ObjectNotActiveHelper.java . |
| [**ServantAlreadyActiveHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/ServantAlreadyActiveHelper.html) | org/omg/PortableServer/POAPackage/ServantAlreadyActiveHelper.java . |
| [**ServantNotActiveHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/ServantNotActiveHelper.html) | org/omg/PortableServer/POAPackage/ServantNotActiveHelper.java . |
| [**WrongAdapterHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/WrongAdapterHelper.html) | org/omg/PortableServer/POAPackage/WrongAdapterHelper.java . |
| [**WrongPolicyHelper**](http://docs.google.com/org/omg/PortableServer/POAPackage/WrongPolicyHelper.html) | org/omg/PortableServer/POAPackage/WrongPolicyHelper.java . |

| **Exception Summary** | |
| --- | --- |
| [**AdapterAlreadyExists**](http://docs.google.com/org/omg/PortableServer/POAPackage/AdapterAlreadyExists.html) | org/omg/PortableServer/POAPackage/AdapterAlreadyExists.java . |
| [**AdapterNonExistent**](http://docs.google.com/org/omg/PortableServer/POAPackage/AdapterNonExistent.html) | org/omg/PortableServer/POAPackage/AdapterNonExistent.java . |
| [**InvalidPolicy**](http://docs.google.com/org/omg/PortableServer/POAPackage/InvalidPolicy.html) | org/omg/PortableServer/POAPackage/InvalidPolicy.java . |
| [**NoServant**](http://docs.google.com/org/omg/PortableServer/POAPackage/NoServant.html) | org/omg/PortableServer/POAPackage/NoServant.java . |
| [**ObjectAlreadyActive**](http://docs.google.com/org/omg/PortableServer/POAPackage/ObjectAlreadyActive.html) | org/omg/PortableServer/POAPackage/ObjectAlreadyActive.java . |
| [**ObjectNotActive**](http://docs.google.com/org/omg/PortableServer/POAPackage/ObjectNotActive.html) | org/omg/PortableServer/POAPackage/ObjectNotActive.java . |
| [**ServantAlreadyActive**](http://docs.google.com/org/omg/PortableServer/POAPackage/ServantAlreadyActive.html) | org/omg/PortableServer/POAPackage/ServantAlreadyActive.java . |
| [**ServantNotActive**](http://docs.google.com/org/omg/PortableServer/POAPackage/ServantNotActive.html) | org/omg/PortableServer/POAPackage/ServantNotActive.java . |
| [**WrongAdapter**](http://docs.google.com/org/omg/PortableServer/POAPackage/WrongAdapter.html) | org/omg/PortableServer/POAPackage/WrongAdapter.java . |
| [**WrongPolicy**](http://docs.google.com/org/omg/PortableServer/POAPackage/WrongPolicy.html) | org/omg/PortableServer/POAPackage/WrongPolicy.java . |

## Package org.omg.PortableServer.POAPackage Description

Allows programmers to construct object implementations that are portable between different ORB products.

The Portable Object Adaptor (POA) is designed to meet the following goals:

* Allow programmers to construct object implementations that are portable between different ORB products.
* Provide support for objects with persistent identities.
* Provide support for transparent activation of objects.
* Allow a single servant to support multiple object identities simultaneously.

Given an interface My defined in My.idl, the file MyPOA.java is generated by the idlj compiler. You must provide the implementation for My and it must inherit from MyPOA.

MyPOA.java is a stream-based skeleton that extends org.omg.PortableServer.Servant and implements the InvokeHandler interface and the operations interface associated with the IDL interface the skeleton implements.

The PortableServer module for the Portable Object Adapter (POA) defines the native Servant type. In the Java programming language, the Servant type is mapped to the Java org.omg.PortableServer.Servant class. It serves as the base class for all POA servant implementations and provides a number of methods that may be invoked by the application programmer, as well as methods which are invoked by the POA itself and may be overridden by the user to control aspects of servant behavior.

All Mapping corresponds to the Chapter 11 of CORBA V2.3.1 specified by OMG document formal/99-10-07.pdf. The exception to this is the id attribute, which is added in ptc/00-08-06, section 11.3.8.26.

### Package Specification

For a precise list of supported sections of official specifications with which the Java[tm] Platform, Standard Edition 6, ORB complies, see [Official Specifications for CORBA support in Java[tm] SE 6](http://docs.google.com/CORBA/doc-files/compliance.html).

**Since:** 1.4

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