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

## **org.omg.PortableInterceptor**

Interface IORInfoOperations

**All Known Subinterfaces:** [IORInfo](http://docs.google.com/org/omg/PortableInterceptor/IORInfo.html)

public interface **IORInfoOperations**

Provides the server-side ORB service with access to the applicable policies during IOR construction and the ability to add components. The ORB passes an instance of its implementation of this interface as a parameter to IORInterceptor.establish\_components.

**See Also:**[IORInterceptor](http://docs.google.com/org/omg/PortableInterceptor/IORInterceptor.html)

| **Method Summary** | |
| --- | --- |
| [ObjectReferenceTemplate](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceTemplate.html) | [**adapter\_template**](http://docs.google.com/org/omg/PortableInterceptor/IORInfoOperations.html#adapter_template())()            Return the object reference template of the object adapter that was just created and is running IOR interceptors. |
| void | [**add\_ior\_component\_to\_profile**](http://docs.google.com/org/omg/PortableInterceptor/IORInfoOperations.html#add_ior_component_to_profile(org.omg.IOP.TaggedComponent,%20int))([TaggedComponent](http://docs.google.com/org/omg/IOP/TaggedComponent.html) tagged\_component, int profile\_id)            A portable ORB service implementation calls add\_ior\_component\_to\_profile from its implementation of establish\_components to add a tagged component to the set which will be included when constructing IORs. |
| void | [**add\_ior\_component**](http://docs.google.com/org/omg/PortableInterceptor/IORInfoOperations.html#add_ior_component(org.omg.IOP.TaggedComponent))([TaggedComponent](http://docs.google.com/org/omg/IOP/TaggedComponent.html) tagged\_component)            A portable ORB service implementation calls add\_ior\_component from its implementation of establish\_components to add a tagged component to the set which will be included when constructing IORs. |
| [ObjectReferenceFactory](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceFactory.html) | [**current\_factory**](http://docs.google.com/org/omg/PortableInterceptor/IORInfoOperations.html#current_factory())()            On read, returns the current factory that will be used to create object references for the object adapter that was just created and is running IOR interceptors. |
| void | [**current\_factory**](http://docs.google.com/org/omg/PortableInterceptor/IORInfoOperations.html#current_factory(org.omg.PortableInterceptor.ObjectReferenceFactory))([ObjectReferenceFactory](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceFactory.html) newCurrent\_factory)            On read, returns the current factory that will be used to create object references for the object adapter that was just created and is running IOR interceptors. |
| [Policy](http://docs.google.com/org/omg/CORBA/Policy.html) | [**get\_effective\_policy**](http://docs.google.com/org/omg/PortableInterceptor/IORInfoOperations.html#get_effective_policy(int))(int type)            Allows an ORB service implementation to determine what server side policy of a particular type is in effect for an IOR being constructed. |
| int | [**manager\_id**](http://docs.google.com/org/omg/PortableInterceptor/IORInfoOperations.html#manager_id())()            Return the adapter manager id of the object adapter that was just created and is running IOR interceptors. |
| short | [**state**](http://docs.google.com/org/omg/PortableInterceptor/IORInfoOperations.html#state())()            Return the adapter state of the object adapter that was just created and is running IOR interceptors. |

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

### get\_effective\_policy

[Policy](http://docs.google.com/org/omg/CORBA/Policy.html) **get\_effective\_policy**(int type)

Allows an ORB service implementation to determine what server side policy of a particular type is in effect for an IOR being constructed. When the IOR being constructed is for an object implemented using a POA, all Policy objects passed to the PortableServer.POA.create\_POA call that created that POA are accessable via get\_effective\_policy.

If a policy for the given type is not known to the ORB, then this operation will throw INV\_POLICY with a standard minor code of 2.

**Parameters:**type - an int specifying the type of policy to return. **Returns:**The effective CORBA.Policy object of the requested type. If the given policy type is known, but no policy of that type is in effect, then this operation will return a nil object reference.

### add\_ior\_component

void **add\_ior\_component**([TaggedComponent](http://docs.google.com/org/omg/IOP/TaggedComponent.html) tagged\_component)

A portable ORB service implementation calls add\_ior\_component from its implementation of establish\_components to add a tagged component to the set which will be included when constructing IORs. The components in this set will be included in all profiles.

Any number of components may exist with the same component ID.

**Parameters:**a\_component - The IOP.TaggedComponent to add.

### add\_ior\_component\_to\_profile

void **add\_ior\_component\_to\_profile**([TaggedComponent](http://docs.google.com/org/omg/IOP/TaggedComponent.html) tagged\_component,  
 int profile\_id)

A portable ORB service implementation calls add\_ior\_component\_to\_profile from its implementation of establish\_components to add a tagged component to the set which will be included when constructing IORs. The components in this set will be included in the specified profile.

Any number of components may exist with the same component ID.

**Parameters:**a\_component - The IOP.TaggedComponent to add.profile\_id - The profile id of the profile to which this component will be added. **Throws:** BAD\_PARAM - thrown, with a standard minor code of 29, if the given profile ID does not define a known profile or it is impossible to add components to that profile.

### manager\_id

int **manager\_id**()

Return the adapter manager id of the object adapter that was just created and is running IOR interceptors.

### state

short **state**()

Return the adapter state of the object adapter that was just created and is running IOR interceptors.

### adapter\_template

[ObjectReferenceTemplate](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceTemplate.html) **adapter\_template**()

Return the object reference template of the object adapter that was just created and is running IOR interceptors.

### current\_factory

[ObjectReferenceFactory](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceFactory.html) **current\_factory**()

On read, returns the current factory that will be used to create object references for the object adapter that was just created and is running IOR interceptors. By default, this factory is the same as the value of the adapter\_template attribute. The current\_factory may also be set to another object reference template inside an IORInterceptor\_3\_0.

### current\_factory

void **current\_factory**([ObjectReferenceFactory](http://docs.google.com/org/omg/PortableInterceptor/ObjectReferenceFactory.html) newCurrent\_factory)

On read, returns the current factory that will be used to create object references for the object adapter that was just created and is running IOR interceptors. By default, this factory is the same as the value of the adapter\_template attribute. The current\_factory may also be set to another object reference template inside an IORInterceptor\_3\_0.

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

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).