| | [**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/DynamicAny/DynAnyPackage/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/org/omg/IOP/CodecFactoryPackage/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/IOP/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package org.omg.IOP

This package contains the IOP module specified in the OMG document *The Common Object Request Broker: Architecture and Specification*, <http://cgi.omg.org/cgi-bin/doc?formal/99-10-07>, section 13.6.

**See:**

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

| **Interface Summary** | |
| --- | --- |
| [**Codec**](http://docs.google.com/org/omg/IOP/Codec.html) | The formats of IOR components and service context data used by ORB services are often defined as CDR encapsulations encoding instances of IDL defined data types. |
| [**CodecFactory**](http://docs.google.com/org/omg/IOP/CodecFactory.html) | Codecs are obtained from the CodecFactory. |
| [**CodecFactoryOperations**](http://docs.google.com/org/omg/IOP/CodecFactoryOperations.html) | Codecs are obtained from the CodecFactory. |
| [**CodecOperations**](http://docs.google.com/org/omg/IOP/CodecOperations.html) | The formats of IOR components and service context data used by ORB services are often defined as CDR encapsulations encoding instances of IDL defined data types. |
| [**CodeSets**](http://docs.google.com/org/omg/IOP/CodeSets.html) | org/omg/IOP/CodeSets.java . |
| [**ENCODING\_CDR\_ENCAPS**](http://docs.google.com/org/omg/IOP/ENCODING_CDR_ENCAPS.html) | org/omg/IOP/ENCODING\_CDR\_ENCAPS.java . |
| [**ExceptionDetailMessage**](http://docs.google.com/org/omg/IOP/ExceptionDetailMessage.html) | org/omg/IOP/ExceptionDetailMessage.java . |
| [**RMICustomMaxStreamFormat**](http://docs.google.com/org/omg/IOP/RMICustomMaxStreamFormat.html) | org/omg/IOP/RMICustomMaxStreamFormat.java . |
| [**TAG\_ALTERNATE\_IIOP\_ADDRESS**](http://docs.google.com/org/omg/IOP/TAG_ALTERNATE_IIOP_ADDRESS.html) | org/omg/IOP/TAG\_ALTERNATE\_IIOP\_ADDRESS.java . |
| [**TAG\_CODE\_SETS**](http://docs.google.com/org/omg/IOP/TAG_CODE_SETS.html) | org/omg/IOP/TAG\_CODE\_SETS.java . |
| [**TAG\_INTERNET\_IOP**](http://docs.google.com/org/omg/IOP/TAG_INTERNET_IOP.html) | org/omg/IOP/TAG\_INTERNET\_IOP.java . |
| [**TAG\_JAVA\_CODEBASE**](http://docs.google.com/org/omg/IOP/TAG_JAVA_CODEBASE.html) | org/omg/IOP/TAG\_JAVA\_CODEBASE.java . |
| [**TAG\_MULTIPLE\_COMPONENTS**](http://docs.google.com/org/omg/IOP/TAG_MULTIPLE_COMPONENTS.html) | org/omg/IOP/TAG\_MULTIPLE\_COMPONENTS.java . |
| [**TAG\_ORB\_TYPE**](http://docs.google.com/org/omg/IOP/TAG_ORB_TYPE.html) | org/omg/IOP/TAG\_ORB\_TYPE.java . |
| [**TAG\_POLICIES**](http://docs.google.com/org/omg/IOP/TAG_POLICIES.html) | org/omg/IOP/TAG\_POLICIES.java . |
| [**TAG\_RMI\_CUSTOM\_MAX\_STREAM\_FORMAT**](http://docs.google.com/org/omg/IOP/TAG_RMI_CUSTOM_MAX_STREAM_FORMAT.html) | org/omg/IOP/TAG\_RMI\_CUSTOM\_MAX\_STREAM\_FORMAT.java . |
| [**TransactionService**](http://docs.google.com/org/omg/IOP/TransactionService.html) | org/omg/IOP/TransactionService.java . |

| **Class Summary** | |
| --- | --- |
| [**CodecFactoryHelper**](http://docs.google.com/org/omg/IOP/CodecFactoryHelper.html) | Codecs are obtained from the CodecFactory. |
| [**ComponentIdHelper**](http://docs.google.com/org/omg/IOP/ComponentIdHelper.html) | Standard way of representing multicomponent profiles. |
| [**Encoding**](http://docs.google.com/org/omg/IOP/Encoding.html) | org/omg/IOP/Encoding.java . |
| [**IOR**](http://docs.google.com/org/omg/IOP/IOR.html) | org/omg/IOP/IOR.java . |
| [**IORHelper**](http://docs.google.com/org/omg/IOP/IORHelper.html) | org/omg/IOP/IORHelper.java . |
| [**IORHolder**](http://docs.google.com/org/omg/IOP/IORHolder.html) | org/omg/IOP/IORHolder.java . |
| [**MultipleComponentProfileHelper**](http://docs.google.com/org/omg/IOP/MultipleComponentProfileHelper.html) | An array of tagged components, forming a multiple component profile. |
| [**MultipleComponentProfileHolder**](http://docs.google.com/org/omg/IOP/MultipleComponentProfileHolder.html) | An array of tagged components, forming a multiple component profile. |
| [**ProfileIdHelper**](http://docs.google.com/org/omg/IOP/ProfileIdHelper.html) | Profile ID |
| [**ServiceContext**](http://docs.google.com/org/omg/IOP/ServiceContext.html) | org/omg/IOP/ServiceContext.java . |
| [**ServiceContextHelper**](http://docs.google.com/org/omg/IOP/ServiceContextHelper.html) | org/omg/IOP/ServiceContextHelper.java . |
| [**ServiceContextHolder**](http://docs.google.com/org/omg/IOP/ServiceContextHolder.html) | org/omg/IOP/ServiceContextHolder.java . |
| [**ServiceContextListHelper**](http://docs.google.com/org/omg/IOP/ServiceContextListHelper.html) | An array of service contexts, forming a service context list. |
| [**ServiceContextListHolder**](http://docs.google.com/org/omg/IOP/ServiceContextListHolder.html) | An array of service contexts, forming a service context list. |
| [**ServiceIdHelper**](http://docs.google.com/org/omg/IOP/ServiceIdHelper.html) | A service id, represented as an int |
| [**TaggedComponent**](http://docs.google.com/org/omg/IOP/TaggedComponent.html) | org/omg/IOP/TaggedComponent.java . |
| [**TaggedComponentHelper**](http://docs.google.com/org/omg/IOP/TaggedComponentHelper.html) | org/omg/IOP/TaggedComponentHelper.java . |
| [**TaggedComponentHolder**](http://docs.google.com/org/omg/IOP/TaggedComponentHolder.html) | org/omg/IOP/TaggedComponentHolder.java . |
| [**TaggedProfile**](http://docs.google.com/org/omg/IOP/TaggedProfile.html) | org/omg/IOP/TaggedProfile.java . |
| [**TaggedProfileHelper**](http://docs.google.com/org/omg/IOP/TaggedProfileHelper.html) | org/omg/IOP/TaggedProfileHelper.java . |
| [**TaggedProfileHolder**](http://docs.google.com/org/omg/IOP/TaggedProfileHolder.html) | org/omg/IOP/TaggedProfileHolder.java . |

## Package org.omg.IOP Description

This package contains the IOP module specified in the OMG document *The Common Object Request Broker: Architecture and Specification*, <http://cgi.omg.org/cgi-bin/doc?formal/99-10-07>, section 13.6. Please refer to that OMG specification for further details.

Please note that we do not provide all parts of the IOP module from the specification. We only provide those parts that are referenced as return values or parameter types in public APIs, most notably, Portable Interceptors.

### 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/DynamicAny/DynAnyPackage/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/org/omg/IOP/CodecFactoryPackage/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/IOP/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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