| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ORB.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/CORBA_2_3/ORB.html)    [**NO FRAMES**](http://docs.google.com/ORB.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **org.omg.CORBA\_2\_3**

Class ORB

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [org.omg.CORBA.ORB](http://docs.google.com/org/omg/CORBA/ORB.html)  
 **org.omg.CORBA\_2\_3.ORB**

public abstract class **ORB**extends [ORB](http://docs.google.com/org/omg/CORBA/ORB.html)

A class extending org.omg.CORBA.ORB to make the ORB portable under the OMG CORBA version 2.3 specification.

| **Constructor Summary** | |
| --- | --- |
| [**ORB**](http://docs.google.com/org/omg/CORBA_2_3/ORB.html#ORB())() |

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**get\_value\_def**](http://docs.google.com/org/omg/CORBA_2_3/ORB.html#get_value_def(java.lang.String))([String](http://docs.google.com/java/lang/String.html) repid) |
| [ValueFactory](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html) | [**lookup\_value\_factory**](http://docs.google.com/org/omg/CORBA_2_3/ORB.html#lookup_value_factory(java.lang.String))([String](http://docs.google.com/java/lang/String.html) id) |
| [ValueFactory](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html) | [**register\_value\_factory**](http://docs.google.com/org/omg/CORBA_2_3/ORB.html#register_value_factory(java.lang.String,%20org.omg.CORBA.portable.ValueFactory))([String](http://docs.google.com/java/lang/String.html) id, [ValueFactory](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html) factory) |
| void | [**set\_delegate**](http://docs.google.com/org/omg/CORBA_2_3/ORB.html#set_delegate(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) wrapper) |
| void | [**unregister\_value\_factory**](http://docs.google.com/org/omg/CORBA_2_3/ORB.html#unregister_value_factory(java.lang.String))([String](http://docs.google.com/java/lang/String.html) id) |

| **Methods inherited from class org.omg.CORBA.**[**ORB**](http://docs.google.com/org/omg/CORBA/ORB.html) |
| --- |
| [connect](http://docs.google.com/org/omg/CORBA/ORB.html#connect(org.omg.CORBA.Object)), [create\_abstract\_interface\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_abstract_interface_tc(java.lang.String,%20java.lang.String)), [create\_alias\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_alias_tc(java.lang.String,%20java.lang.String,%20org.omg.CORBA.TypeCode)), [create\_any](http://docs.google.com/org/omg/CORBA/ORB.html#create_any()), [create\_array\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_array_tc(int,%20org.omg.CORBA.TypeCode)), [create\_basic\_dyn\_any](http://docs.google.com/org/omg/CORBA/ORB.html#create_basic_dyn_any(org.omg.CORBA.TypeCode)), [create\_context\_list](http://docs.google.com/org/omg/CORBA/ORB.html#create_context_list()), [create\_dyn\_any](http://docs.google.com/org/omg/CORBA/ORB.html#create_dyn_any(org.omg.CORBA.Any)), [create\_dyn\_array](http://docs.google.com/org/omg/CORBA/ORB.html#create_dyn_array(org.omg.CORBA.TypeCode)), [create\_dyn\_enum](http://docs.google.com/org/omg/CORBA/ORB.html#create_dyn_enum(org.omg.CORBA.TypeCode)), [create\_dyn\_sequence](http://docs.google.com/org/omg/CORBA/ORB.html#create_dyn_sequence(org.omg.CORBA.TypeCode)), [create\_dyn\_struct](http://docs.google.com/org/omg/CORBA/ORB.html#create_dyn_struct(org.omg.CORBA.TypeCode)), [create\_dyn\_union](http://docs.google.com/org/omg/CORBA/ORB.html#create_dyn_union(org.omg.CORBA.TypeCode)), [create\_enum\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_enum_tc(java.lang.String,%20java.lang.String,%20java.lang.String%5B%5D)), [create\_environment](http://docs.google.com/org/omg/CORBA/ORB.html#create_environment()), [create\_exception\_list](http://docs.google.com/org/omg/CORBA/ORB.html#create_exception_list()), [create\_exception\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_exception_tc(java.lang.String,%20java.lang.String,%20org.omg.CORBA.StructMember%5B%5D)), [create\_fixed\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_fixed_tc(short,%20short)), [create\_interface\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_interface_tc(java.lang.String,%20java.lang.String)), [create\_list](http://docs.google.com/org/omg/CORBA/ORB.html#create_list(int)), [create\_named\_value](http://docs.google.com/org/omg/CORBA/ORB.html#create_named_value(java.lang.String,%20org.omg.CORBA.Any,%20int)), [create\_native\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_native_tc(java.lang.String,%20java.lang.String)), [create\_operation\_list](http://docs.google.com/org/omg/CORBA/ORB.html#create_operation_list(org.omg.CORBA.Object)), [create\_output\_stream](http://docs.google.com/org/omg/CORBA/ORB.html#create_output_stream()), [create\_policy](http://docs.google.com/org/omg/CORBA/ORB.html#create_policy(int,%20org.omg.CORBA.Any)), [create\_recursive\_sequence\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_recursive_sequence_tc(int,%20int)), [create\_recursive\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_recursive_tc(java.lang.String)), [create\_sequence\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_sequence_tc(int,%20org.omg.CORBA.TypeCode)), [create\_string\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_string_tc(int)), [create\_struct\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_struct_tc(java.lang.String,%20java.lang.String,%20org.omg.CORBA.StructMember%5B%5D)), [create\_union\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_union_tc(java.lang.String,%20java.lang.String,%20org.omg.CORBA.TypeCode,%20org.omg.CORBA.UnionMember%5B%5D)), [create\_value\_box\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_value_box_tc(java.lang.String,%20java.lang.String,%20org.omg.CORBA.TypeCode)), [create\_value\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_value_tc(java.lang.String,%20java.lang.String,%20short,%20org.omg.CORBA.TypeCode,%20org.omg.CORBA.ValueMember%5B%5D)), [create\_wstring\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#create_wstring_tc(int)), [destroy](http://docs.google.com/org/omg/CORBA/ORB.html#destroy()), [disconnect](http://docs.google.com/org/omg/CORBA/ORB.html#disconnect(org.omg.CORBA.Object)), [get\_current](http://docs.google.com/org/omg/CORBA/ORB.html#get_current()), [get\_default\_context](http://docs.google.com/org/omg/CORBA/ORB.html#get_default_context()), [get\_next\_response](http://docs.google.com/org/omg/CORBA/ORB.html#get_next_response()), [get\_primitive\_tc](http://docs.google.com/org/omg/CORBA/ORB.html#get_primitive_tc(org.omg.CORBA.TCKind)), [get\_service\_information](http://docs.google.com/org/omg/CORBA/ORB.html#get_service_information(short,%20org.omg.CORBA.ServiceInformationHolder)), [init](http://docs.google.com/org/omg/CORBA/ORB.html#init()), [init](http://docs.google.com/org/omg/CORBA/ORB.html#init(java.applet.Applet,%20java.util.Properties)), [init](http://docs.google.com/org/omg/CORBA/ORB.html#init(java.lang.String%5B%5D,%20java.util.Properties)), [list\_initial\_services](http://docs.google.com/org/omg/CORBA/ORB.html#list_initial_services()), [object\_to\_string](http://docs.google.com/org/omg/CORBA/ORB.html#object_to_string(org.omg.CORBA.Object)), [perform\_work](http://docs.google.com/org/omg/CORBA/ORB.html#perform_work()), [poll\_next\_response](http://docs.google.com/org/omg/CORBA/ORB.html#poll_next_response()), [resolve\_initial\_references](http://docs.google.com/org/omg/CORBA/ORB.html#resolve_initial_references(java.lang.String)), [run](http://docs.google.com/org/omg/CORBA/ORB.html#run()), [send\_multiple\_requests\_deferred](http://docs.google.com/org/omg/CORBA/ORB.html#send_multiple_requests_deferred(org.omg.CORBA.Request%5B%5D)), [send\_multiple\_requests\_oneway](http://docs.google.com/org/omg/CORBA/ORB.html#send_multiple_requests_oneway(org.omg.CORBA.Request%5B%5D)), [set\_parameters](http://docs.google.com/org/omg/CORBA/ORB.html#set_parameters(java.applet.Applet,%20java.util.Properties)), [set\_parameters](http://docs.google.com/org/omg/CORBA/ORB.html#set_parameters(java.lang.String%5B%5D,%20java.util.Properties)), [shutdown](http://docs.google.com/org/omg/CORBA/ORB.html#shutdown(boolean)), [string\_to\_object](http://docs.google.com/org/omg/CORBA/ORB.html#string_to_object(java.lang.String)), [work\_pending](http://docs.google.com/org/omg/CORBA/ORB.html#work_pending()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### ORB

public **ORB**()

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

### register\_value\_factory

public [ValueFactory](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html) **register\_value\_factory**([String](http://docs.google.com/java/lang/String.html) id,  
 [ValueFactory](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html) factory)

### unregister\_value\_factory

public void **unregister\_value\_factory**([String](http://docs.google.com/java/lang/String.html) id)

### lookup\_value\_factory

public [ValueFactory](http://docs.google.com/org/omg/CORBA/portable/ValueFactory.html) **lookup\_value\_factory**([String](http://docs.google.com/java/lang/String.html) id)

### get\_value\_def

public [Object](http://docs.google.com/org/omg/CORBA/Object.html) **get\_value\_def**([String](http://docs.google.com/java/lang/String.html) repid)  
 throws [BAD\_PARAM](http://docs.google.com/org/omg/CORBA/BAD_PARAM.html)

**Throws:** [BAD\_PARAM](http://docs.google.com/org/omg/CORBA/BAD_PARAM.html)**See Also:**[CORBA\_2\_3 package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### set\_delegate

public void **set\_delegate**([Object](http://docs.google.com/java/lang/Object.html) wrapper)

**See Also:**[CORBA\_2\_3 package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ORB.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/CORBA_2_3/ORB.html)    [**NO FRAMES**](http://docs.google.com/ORB.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

[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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