| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/LocalObject.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/CORBA/IRObjectOperations.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/LongHolder.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/LocalObject.html)    [**NO FRAMES**](http://docs.google.com/LocalObject.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **org.omg.CORBA**

Class LocalObject

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **org.omg.CORBA.LocalObject**

**All Implemented Interfaces:** [Object](http://docs.google.com/org/omg/CORBA/Object.html)

public class **LocalObject**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Object](http://docs.google.com/org/omg/CORBA/Object.html)

Used as a base class for implementation of a local IDL interface in the Java language mapping. It is a class which implements all the operations in the org.omg.CORBA.Object interface.

Local interfaces are implemented by using CORBA::LocalObject to provide implementations of Object pseudo operations and any other ORB-specific support mechanisms that are appropriate for such objects. Object implementation techniques are inherently language-mapping specific. Therefore, the LocalObject type is not defined in IDL, but is specified in each language mapping.

Methods that do not apply to local objects throw an org.omg.CORBA.NO\_IMPLEMENT exception with the message, "This is a locally contrained object." Attempting to use a LocalObject to create a DII request results in NO\_IMPLEMENT system exception. Attempting to marshal or stringify a LocalObject results in a MARSHAL system exception. Narrowing and widening references to LocalObjects must work as for regular object references.

LocalObject is to be used as the base class of locally constrained objects, such as those in the PortableServer module. The specification here is based on the CORBA Components Volume I - orbos/99-07-01

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

| **Constructor Summary** | |
| --- | --- |
| [**LocalObject**](http://docs.google.com/org/omg/CORBA/LocalObject.html#LocalObject())()            Constructs a default LocalObject instance. |

| **Method Summary** | |
| --- | --- |
| [Request](http://docs.google.com/org/omg/CORBA/Request.html) | [**\_create\_request**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue))([Context](http://docs.google.com/org/omg/CORBA/Context.html) ctx, [String](http://docs.google.com/java/lang/String.html) operation, [NVList](http://docs.google.com/org/omg/CORBA/NVList.html) arg\_list, [NamedValue](http://docs.google.com/org/omg/CORBA/NamedValue.html) result)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| [Request](http://docs.google.com/org/omg/CORBA/Request.html) | [**\_create\_request**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue,%20org.omg.CORBA.ExceptionList,%20org.omg.CORBA.ContextList))([Context](http://docs.google.com/org/omg/CORBA/Context.html) ctx, [String](http://docs.google.com/java/lang/String.html) operation, [NVList](http://docs.google.com/org/omg/CORBA/NVList.html) arg\_list, [NamedValue](http://docs.google.com/org/omg/CORBA/NamedValue.html) result, [ExceptionList](http://docs.google.com/org/omg/CORBA/ExceptionList.html) exceptions, [ContextList](http://docs.google.com/org/omg/CORBA/ContextList.html) contexts)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**\_duplicate**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_duplicate())()            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| [DomainManager](http://docs.google.com/org/omg/CORBA/DomainManager.html)[] | [**\_get\_domain\_managers**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_get_domain_managers())()            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**\_get\_interface\_def**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_get_interface_def())()            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**\_get\_interface**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_get_interface())()            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. |
| [Policy](http://docs.google.com/org/omg/CORBA/Policy.html) | [**\_get\_policy**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_get_policy(int))(int policy\_type)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. |
| int | [**\_hash**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_hash(int))(int maximum)            Returns a hash value that is consistent for the lifetime of the object, using the given number as the maximum. |
| [InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) | [**\_invoke**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_invoke(org.omg.CORBA.portable.OutputStream))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) output)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| boolean | [**\_is\_a**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_is_a(java.lang.String))([String](http://docs.google.com/java/lang/String.html) repository\_id)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. |
| boolean | [**\_is\_equivalent**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_is_equivalent(org.omg.CORBA.Object))([Object](http://docs.google.com/org/omg/CORBA/Object.html) that)            Determines whether the two object references are equivalent, so far as the ORB can easily determine. |
| boolean | [**\_is\_local**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_is_local())()            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| boolean | [**\_non\_existent**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_non_existent())()            Always returns false. |
| [ORB](http://docs.google.com/org/omg/CORBA/ORB.html) | [**\_orb**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_orb())()            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| void | [**\_release**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_release())()            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| void | [**\_releaseReply**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_releaseReply(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| [Request](http://docs.google.com/org/omg/CORBA/Request.html) | [**\_request**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_request(java.lang.String))([String](http://docs.google.com/java/lang/String.html) operation)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| [OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) | [**\_request**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_request(java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) operation, boolean responseExpected)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| void | [**\_servant\_postinvoke**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_servant_postinvoke(org.omg.CORBA.portable.ServantObject))([ServantObject](http://docs.google.com/org/omg/CORBA/portable/ServantObject.html) servant)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| [ServantObject](http://docs.google.com/org/omg/CORBA/portable/ServantObject.html) | [**\_servant\_preinvoke**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_servant_preinvoke(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) operation, [Class](http://docs.google.com/java/lang/Class.html) expectedType)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**\_set\_policy\_override**](http://docs.google.com/org/omg/CORBA/LocalObject.html#_set_policy_override(org.omg.CORBA.Policy%5B%5D,%20org.omg.CORBA.SetOverrideType))([Policy](http://docs.google.com/org/omg/CORBA/Policy.html)[] policies, [SetOverrideType](http://docs.google.com/org/omg/CORBA/SetOverrideType.html) set\_add)            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. |
| boolean | [**validate\_connection**](http://docs.google.com/org/omg/CORBA/LocalObject.html#validate_connection())()            Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. |

| **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** |
| --- |

### LocalObject

public **LocalObject**()

Constructs a default LocalObject instance.

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

### \_is\_equivalent

public boolean **\_is\_equivalent**([Object](http://docs.google.com/org/omg/CORBA/Object.html) that)

Determines whether the two object references are equivalent, so far as the ORB can easily determine. Two object references are equivalent if they are identical. Two distinct object references which in fact refer to the same object are also equivalent. However, ORBs are not required to attempt determination of whether two distinct object references refer to the same object, since such determination could be impractically expensive.

Default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_is\_equivalent](http://docs.google.com/org/omg/CORBA/Object.html#_is_equivalent(org.omg.CORBA.Object)) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Parameters:**that - the object reference with which to check for equivalence **Returns:**true if this object reference is known to be equivalent to the given object reference. Note that false indicates only that the two object references are distinct, not necessarily that they reference distinct objects.

### \_non\_existent

public boolean **\_non\_existent**()

Always returns false. This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_non\_existent](http://docs.google.com/org/omg/CORBA/Object.html#_non_existent()) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Returns:**false

### \_hash

public int **\_hash**(int maximum)

Returns a hash value that is consistent for the lifetime of the object, using the given number as the maximum. This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_hash](http://docs.google.com/org/omg/CORBA/Object.html#_hash(int)) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Parameters:**maximum - an int identifying maximum value of the hashcode **Returns:**this instance's hashcode

### \_is\_a

public boolean **\_is\_a**([String](http://docs.google.com/java/lang/String.html) repository\_id)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_is\_a](http://docs.google.com/org/omg/CORBA/Object.html#_is_a(java.lang.String)) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Parameters:**repository\_id - a String **Returns:**NO\_IMPLEMENT because this is a locally constrained object and this method does not apply to local objects **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html) - because this is a locally constrained object and this method does not apply to local objects**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_duplicate

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

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_duplicate](http://docs.google.com/org/omg/CORBA/Object.html#_duplicate()) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Returns:**a duplicate of this LocalObject instance. **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_release

public void **\_release**()

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_release](http://docs.google.com/org/omg/CORBA/Object.html#_release()) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_request

public [Request](http://docs.google.com/org/omg/CORBA/Request.html) **\_request**([String](http://docs.google.com/java/lang/String.html) operation)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_request](http://docs.google.com/org/omg/CORBA/Object.html#_request(java.lang.String)) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Parameters:**operation - a String giving the name of an operation to be performed by the request that is returned **Returns:**a Request object with the given operation **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_create\_request

public [Request](http://docs.google.com/org/omg/CORBA/Request.html) **\_create\_request**([Context](http://docs.google.com/org/omg/CORBA/Context.html) ctx,  
 [String](http://docs.google.com/java/lang/String.html) operation,  
 [NVList](http://docs.google.com/org/omg/CORBA/NVList.html) arg\_list,  
 [NamedValue](http://docs.google.com/org/omg/CORBA/NamedValue.html) result)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_create\_request](http://docs.google.com/org/omg/CORBA/Object.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue)) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Parameters:**ctx - a Context object containing a list of propertiesoperation - the String representing the name of the method to be invokedarg\_list - an NVList containing the actual arguments to the method being invokedresult - a NamedValue object to serve as a container for the method's return value **Returns:**a new Request object initialized with the given arguments **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_create\_request

public [Request](http://docs.google.com/org/omg/CORBA/Request.html) **\_create\_request**([Context](http://docs.google.com/org/omg/CORBA/Context.html) ctx,  
 [String](http://docs.google.com/java/lang/String.html) operation,  
 [NVList](http://docs.google.com/org/omg/CORBA/NVList.html) arg\_list,  
 [NamedValue](http://docs.google.com/org/omg/CORBA/NamedValue.html) result,  
 [ExceptionList](http://docs.google.com/org/omg/CORBA/ExceptionList.html) exceptions,  
 [ContextList](http://docs.google.com/org/omg/CORBA/ContextList.html) contexts)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_create\_request](http://docs.google.com/org/omg/CORBA/Object.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue,%20org.omg.CORBA.ExceptionList,%20org.omg.CORBA.ContextList)) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Parameters:**ctx - a Context object containing a list of propertiesoperation - the name of the method to be invokedarg\_list - an NVList containing the actual arguments to the method being invokedresult - a NamedValue object to serve as a container for the method's return valueexceptions - an ExceptionList object containing a list of possible exceptions the method can throwcontexts - a ContextList object containing a list of context strings that need to be resolved and sent with the Request instance **Returns:**the new Request object initialized with the given arguments **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_get\_interface

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

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. This method is the default implementation of the org.omg.CORBA.Object method.

**Returns:**NO\_IMPLEMENT because this is a locally constrained object and this method does not apply to local objects **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html) - because this is a locally constrained object and this method does not apply to local objects**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_get\_interface\_def

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

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_get\_interface\_def](http://docs.google.com/org/omg/CORBA/Object.html#_get_interface_def()) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Returns:**the InterfaceDef object in the Interface Repository which provides type information about the object referred to by this object reference **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_orb

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

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Returns:**the ORB instance that created the Delegate contained in this ObjectImpl **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_get\_policy

public [Policy](http://docs.google.com/org/omg/CORBA/Policy.html) **\_get\_policy**(int policy\_type)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_get\_policy](http://docs.google.com/org/omg/CORBA/Object.html#_get_policy(int)) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Parameters:**policy\_type - an int **Returns:**NO\_IMPLEMENT because this is a locally constrained object and this method does not apply to local objects **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html) - because this is a locally constrained object and this method does not apply to local objects**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_get\_domain\_managers

public [DomainManager](http://docs.google.com/org/omg/CORBA/DomainManager.html)[] **\_get\_domain\_managers**()

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_get\_domain\_managers](http://docs.google.com/org/omg/CORBA/Object.html#_get_domain_managers()) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Returns:**the list of immediately enclosing domain managers of this object. At least one domain manager is always returned in the list since by default each object is associated with at least one domain manager at creation. **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_set\_policy\_override

public [Object](http://docs.google.com/org/omg/CORBA/Object.html) **\_set\_policy\_override**([Policy](http://docs.google.com/org/omg/CORBA/Policy.html)[] policies,  
 [SetOverrideType](http://docs.google.com/org/omg/CORBA/SetOverrideType.html) set\_add)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. This method is the default implementation of the org.omg.CORBA.Object method.

**Specified by:**[\_set\_policy\_override](http://docs.google.com/org/omg/CORBA/Object.html#_set_policy_override(org.omg.CORBA.Policy%5B%5D,%20org.omg.CORBA.SetOverrideType)) in interface [Object](http://docs.google.com/org/omg/CORBA/Object.html) **Parameters:**policies - an arrayset\_add - a flag **Returns:**NO\_IMPLEMENT because this is a locally constrained object and this method does not apply to local objects **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html) - because this is a locally constrained object and this method does not apply to local objects**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_is\_local

public boolean **\_is\_local**()

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

Returns true for this LocalObject instance.

**Returns:**true always **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_servant\_preinvoke

public [ServantObject](http://docs.google.com/org/omg/CORBA/portable/ServantObject.html) **\_servant\_preinvoke**([String](http://docs.google.com/java/lang/String.html) operation,  
 [Class](http://docs.google.com/java/lang/Class.html) expectedType)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Parameters:**operation - a String indicating which operation to preinvokeexpectedType - the class of the type of operation mentioned above **Returns:**NO\_IMPLEMENT because this is a locally constrained object and this method does not apply to local objects **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html) - because this is a locally constrained object and this method does not apply to local object**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_servant\_postinvoke

public void **\_servant\_postinvoke**([ServantObject](http://docs.google.com/org/omg/CORBA/portable/ServantObject.html) servant)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

**Parameters:**servant - the servant object on which to post-invoke **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_request

public [OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) **\_request**([String](http://docs.google.com/java/lang/String.html) operation,  
 boolean responseExpected)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

Called by a stub to obtain an OutputStream for marshaling arguments. The stub must supply the operation name, and indicate if a response is expected (i.e is this a oneway call).

**Parameters:**operation - the name of the operation being requestedresponseExpected - true if a response is expected, false if it is a one-way call **Returns:**NO\_IMPLEMENT because this is a locally constrained object and this method does not apply to local objects **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html) - because this is a locally constrained object and this method does not apply to local objects**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_invoke

public [InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) **\_invoke**([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) output)  
 throws [ApplicationException](http://docs.google.com/org/omg/CORBA/portable/ApplicationException.html),  
 [RemarshalException](http://docs.google.com/org/omg/CORBA/portable/RemarshalException.html)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

Called to invoke an operation. The stub provides an OutputStream that was previously returned by a \_request() call. \_invoke returns an InputStream which contains the marshaled reply. If an exception occurs, \_invoke may throw an ApplicationException object which contains an InputStream from which the user exception state may be unmarshaled.

**Parameters:**output - the OutputStream to invoke **Returns:**NO\_IMPLEMENT because this is a locally constrained object and this method does not apply to local objects **Throws:** [ApplicationException](http://docs.google.com/org/omg/CORBA/portable/ApplicationException.html) - If an exception occurs, \_invoke may throw an ApplicationException object which contains an InputStream from which the user exception state may be unmarshaled. [RemarshalException](http://docs.google.com/org/omg/CORBA/portable/RemarshalException.html) - If an exception occurs, \_invoke may throw an ApplicationException object which contains an InputStream from which the user exception state may be unmarshaled. [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html) - because this is a locally constrained object and this method does not apply to local objects**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### \_releaseReply

public void **\_releaseReply**([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) input)

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method is the default implementation of the org.omg.CORBA.Object method.

May optionally be called by a stub to release a reply stream back to the ORB when the unmarshaling has completed. The stub passes the InputStream returned by \_invoke() or ApplicationException.getInputStream(). A null value may also be passed to \_releaseReply, in which case the method is a no-op.

**Parameters:**input - the reply stream back to the ORB or null **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html)**See Also:**[CORBA package comments for unimplemented features](http://docs.google.com/package-summary.html#unimpl)

### validate\_connection

public boolean **validate\_connection**()

Throws an org.omg.CORBA.NO\_IMPLEMENT exception with the message "This is a locally constrained object." This method does not apply to local objects and is therefore not implemented. This method is the default implementation of the org.omg.CORBA.Object method.

**Returns:**NO\_IMPLEMENT because this is a locally constrained object and this method does not apply to local objects **Throws:** [NO\_IMPLEMENT](http://docs.google.com/org/omg/CORBA/NO_IMPLEMENT.html) - because this is a locally constrained object and this method does not apply to local objects**See Also:**[CORBA 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/LocalObject.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/CORBA/IRObjectOperations.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CORBA/LongHolder.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CORBA/LocalObject.html)    [**NO FRAMES**](http://docs.google.com/LocalObject.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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