| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/_NamingContextExtStub.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/CosNaming/_BindingIteratorStub.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CosNaming/_NamingContextImplBase.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CosNaming/_NamingContextExtStub.html)    [**NO FRAMES**](http://docs.google.com/_NamingContextExtStub.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

## **org.omg.CosNaming**

Class \_NamingContextExtStub

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [org.omg.CORBA.portable.ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html)  
 **org.omg.CosNaming.\_NamingContextExtStub**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Object](http://docs.google.com/org/omg/CORBA/Object.html), [IDLEntity](http://docs.google.com/org/omg/CORBA/portable/IDLEntity.html), [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html), [NamingContextExt](http://docs.google.com/org/omg/CosNaming/NamingContextExt.html), [NamingContextExtOperations](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html), [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html)

public class **\_NamingContextExtStub**extends [ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html)implements [NamingContextExt](http://docs.google.com/org/omg/CosNaming/NamingContextExt.html)

NamingContextExt is the extension of NamingContext which contains a set of name bindings in which each name is unique and is part of Interoperable Naming Service. Different names can be bound to an object in the same or different contexts at the same time. Using NamingContextExt, you can use URL-based names to bind and resolve.

See  [CORBA COS Naming Specification.](http://www.omg.org/technology/documents/formal/naming_service.htm)

**See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#org.omg.CosNaming._NamingContextExtStub)

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

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html)[] | [**\_ids**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#_ids())()            Retrieves a string array containing the repository identifiers supported by this ObjectImpl object. |
| void | [**bind\_context**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#bind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n, [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) nc)            Names an object that is a naming context. |
| [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) | [**bind\_new\_context**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#bind_new_context(org.omg.CosNaming.NameComponent%5B%5D))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n)            This operation creates a new context and binds it to the name supplied as an argument. |
| void | [**bind**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#bind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n, [Object](http://docs.google.com/org/omg/CORBA/Object.html) obj)            Creates a binding of a name and an object in the naming context. |
| void | [**destroy**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#destroy())()            The destroy operation deletes a naming context. |
| void | [**list**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#list(int,%20org.omg.CosNaming.BindingListHolder,%20org.omg.CosNaming.BindingIteratorHolder))(int how\_many, [BindingListHolder](http://docs.google.com/org/omg/CosNaming/BindingListHolder.html) bl, [BindingIteratorHolder](http://docs.google.com/org/omg/CosNaming/BindingIteratorHolder.html) bi)            The list operation allows a client to iterate through a set of bindings in a naming context. |
| [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) | [**new\_context**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#new_context())()            This operation returns a naming context implemented by the same naming server as the context on which the operation was invoked. |
| void | [**rebind\_context**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#rebind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n, [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) nc)            Creates a binding of a name and a naming context in the naming context even if the name is already bound in the context. |
| void | [**rebind**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#rebind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n, [Object](http://docs.google.com/org/omg/CORBA/Object.html) obj)            Creates a binding of a name and an object in the naming context even if the name is already bound in the context. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**resolve\_str**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#resolve_str(java.lang.String))([String](http://docs.google.com/java/lang/String.html) sn)            This operation resolves the Stringified name into the object reference. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**resolve**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#resolve(org.omg.CosNaming.NameComponent%5B%5D))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n)            The resolve operation is the process of retrieving an object bound to a name in a given context. |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | [**to\_name**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#to_name(java.lang.String))([String](http://docs.google.com/java/lang/String.html) sn)            This operation converts a Stringified Name into an equivalent array of Name Components. |
| [String](http://docs.google.com/java/lang/String.html) | [**to\_string**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#to_string(org.omg.CosNaming.NameComponent%5B%5D))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n)            This operation creates a stringified name from the array of Name components. |
| [String](http://docs.google.com/java/lang/String.html) | [**to\_url**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#to_url(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) addr, [String](http://docs.google.com/java/lang/String.html) sn)            This operation creates a URL based "iiopname://" format name from the Stringified Name of the object. |
| void | [**unbind**](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html#unbind(org.omg.CosNaming.NameComponent%5B%5D))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n)            The unbind operation removes a name binding from a context. |

| **Methods inherited from class org.omg.CORBA.portable.**[**ObjectImpl**](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html) |
| --- |
| [\_create\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_create_request(org.omg.CORBA.Context,%20java.lang.String,%20org.omg.CORBA.NVList,%20org.omg.CORBA.NamedValue)), [\_create\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.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)), [\_duplicate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_duplicate()), [\_get\_delegate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_delegate()), [\_get\_domain\_managers](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_domain_managers()), [\_get\_interface\_def](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_interface_def()), [\_get\_policy](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_get_policy(int)), [\_hash](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_hash(int)), [\_invoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_invoke(org.omg.CORBA.portable.OutputStream)), [\_is\_a](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_a(java.lang.String)), [\_is\_equivalent](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_equivalent(org.omg.CORBA.Object)), [\_is\_local](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_is_local()), [\_non\_existent](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_non_existent()), [\_orb](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_orb()), [\_release](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_release()), [\_releaseReply](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_releaseReply(org.omg.CORBA.portable.InputStream)), [\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_request(java.lang.String)), [\_request](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_request(java.lang.String,%20boolean)), [\_servant\_postinvoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_servant_postinvoke(org.omg.CORBA.portable.ServantObject)), [\_servant\_preinvoke](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_servant_preinvoke(java.lang.String,%20java.lang.Class)), [\_set\_delegate](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_set_delegate(org.omg.CORBA.portable.Delegate)), [\_set\_policy\_override](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_set_policy_override(org.omg.CORBA.Policy%5B%5D,%20org.omg.CORBA.SetOverrideType)), [equals](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#equals(java.lang.Object)), [hashCode](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#hashCode()), [toString](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#toString()) |

| **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()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [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)) |

| **Methods inherited from interface org.omg.CORBA.**[**Object**](http://docs.google.com/org/omg/CORBA/Object.html) |
| --- |
| [\_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)), [\_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)), [\_duplicate](http://docs.google.com/org/omg/CORBA/Object.html#_duplicate()), [\_get\_domain\_managers](http://docs.google.com/org/omg/CORBA/Object.html#_get_domain_managers()), [\_get\_interface\_def](http://docs.google.com/org/omg/CORBA/Object.html#_get_interface_def()), [\_get\_policy](http://docs.google.com/org/omg/CORBA/Object.html#_get_policy(int)), [\_hash](http://docs.google.com/org/omg/CORBA/Object.html#_hash(int)), [\_is\_a](http://docs.google.com/org/omg/CORBA/Object.html#_is_a(java.lang.String)), [\_is\_equivalent](http://docs.google.com/org/omg/CORBA/Object.html#_is_equivalent(org.omg.CORBA.Object)), [\_non\_existent](http://docs.google.com/org/omg/CORBA/Object.html#_non_existent()), [\_release](http://docs.google.com/org/omg/CORBA/Object.html#_release()), [\_request](http://docs.google.com/org/omg/CORBA/Object.html#_request(java.lang.String)), [\_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)) |

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

### \_NamingContextExtStub

public **\_NamingContextExtStub**()

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

### to\_string

public [String](http://docs.google.com/java/lang/String.html) **to\_string**([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n)  
 throws [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

This operation creates a stringified name from the array of Name components.

**Specified by:**[to\_string](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html#to_string(org.omg.CosNaming.NameComponent%5B%5D)) in interface [NamingContextExtOperations](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html) **Parameters:**n - Name of the object

**Throws:** org.omg.CosNaming.NamingContextExtPackage.InvalidName - Indicates the name does not identify a binding.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

### to\_name

public [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] **to\_name**([String](http://docs.google.com/java/lang/String.html) sn)  
 throws [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

This operation converts a Stringified Name into an equivalent array of Name Components.

**Specified by:**[to\_name](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html#to_name(java.lang.String)) in interface [NamingContextExtOperations](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html) **Parameters:**sn - Stringified Name of the object

**Throws:** org.omg.CosNaming.NamingContextExtPackage.InvalidName - Indicates the name does not identify a binding.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

### to\_url

public [String](http://docs.google.com/java/lang/String.html) **to\_url**([String](http://docs.google.com/java/lang/String.html) addr,  
 [String](http://docs.google.com/java/lang/String.html) sn)  
 throws [InvalidAddress](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/InvalidAddress.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

This operation creates a URL based "iiopname://" format name from the Stringified Name of the object.

**Specified by:**[to\_url](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html#to_url(java.lang.String,%20java.lang.String)) in interface [NamingContextExtOperations](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html) **Parameters:**addr - internet based address of the host machine where Name Service is running

sn - Stringified Name of the object

**Throws:** org.omg.CosNaming.NamingContextExtPackage.InvalidName - Indicates the name does not identify a binding.

org.omg.CosNaming.NamingContextPackage.InvalidAddress - Indicates the internet based address of the host machine is incorrect

[InvalidAddress](http://docs.google.com/org/omg/CosNaming/NamingContextExtPackage/InvalidAddress.html) [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

### resolve\_str

public [Object](http://docs.google.com/org/omg/CORBA/Object.html) **resolve\_str**([String](http://docs.google.com/java/lang/String.html) sn)  
 throws [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html),  
 [CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

This operation resolves the Stringified name into the object reference.

**Specified by:**[resolve\_str](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html#resolve_str(java.lang.String)) in interface [NamingContextExtOperations](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.html) **Parameters:**sn - Stringified Name of the object

**Throws:** [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html) - Indicates there is no object reference for the given name.

[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html) - Indicates that the given compound name is incorrect

org.omg.CosNaming.NamingContextExtPackage.InvalidName - Indicates the name does not identify a binding.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

### bind

public void **bind**([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n,  
 [Object](http://docs.google.com/org/omg/CORBA/Object.html) obj)  
 throws [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html),  
 [CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html),  
 [AlreadyBound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/AlreadyBound.html)

Creates a binding of a name and an object in the naming context. Naming contexts that are bound using bind do not participate in name resolution when compound names are passed to be resolved.

**Specified by:**[bind](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#bind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object)) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Parameters:**n - Name of the object

obj - The Object to bind with the given name

**Throws:** [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html) - Indicates the name does not identify a binding.

[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html) - Indicates that the implementation has given up for some reason. The client, however, may be able to continue the operation at the returned naming context.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html) - Indicates that the name is invalid.

[AlreadyBound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/AlreadyBound.html) - Indicates an object is already bound to the specified name.

### bind\_context

public void **bind\_context**([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n,  
 [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) nc)  
 throws [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html),  
 [CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html),  
 [AlreadyBound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/AlreadyBound.html)

Names an object that is a naming context. Naming contexts that are bound using bind\_context() participate in name resolution when compound names are passed to be resolved.

**Specified by:**[bind\_context](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#bind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext)) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Parameters:**n - Name of the object

nc - NamingContect object to bind with the given name

**Throws:** [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html) - Indicates the name does not identify a binding.

[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html) - Indicates that the implementation has given up for some reason. The client, however, may be able to continue the operation at the returned naming context.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html) - Indicates that the name is invalid.

[AlreadyBound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/AlreadyBound.html) - Indicates an object is already bound to the specified name.

### rebind

public void **rebind**([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n,  
 [Object](http://docs.google.com/org/omg/CORBA/Object.html) obj)  
 throws [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html),  
 [CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

Creates a binding of a name and an object in the naming context even if the name is already bound in the context. Naming contexts that are bound using rebind do not participate in name resolution when compound names are passed to be resolved.

**Specified by:**[rebind](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#rebind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object)) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Parameters:**n - Name of the object

**Throws:** [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html) - Indicates the name does not identify a binding.

[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html) - Indicates that the implementation has given up for some reason. The client, however, may be able to continue the operation at the returned naming context.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html) - Indicates that the name is invalid.

### rebind\_context

public void **rebind\_context**([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n,  
 [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) nc)  
 throws [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html),  
 [CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

Creates a binding of a name and a naming context in the naming context even if the name is already bound in the context. Naming contexts that are bound using rebind\_context() participate in name resolution when compound names are passed to be resolved.

**Specified by:**[rebind\_context](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#rebind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext)) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Parameters:**n - Name of the object

nc - NamingContect object to rebind with the given name

**Throws:** [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html) - Indicates the name does not identify a binding.

[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html) - Indicates that the implementation has given up for some reason. The client, however, may be able to continue the operation at the returned naming context.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html) - Indicates that the name is invalid.

### resolve

public [Object](http://docs.google.com/org/omg/CORBA/Object.html) **resolve**([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n)  
 throws [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html),  
 [CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

The resolve operation is the process of retrieving an object bound to a name in a given context. The given name must exactly match the bound name. The naming service does not return the type of the object. Clients are responsible for "narrowing" the object to the appropriate type. That is, clients typically cast the returned object from Object to a more specialized interface.

**Specified by:**[resolve](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#resolve(org.omg.CosNaming.NameComponent%5B%5D)) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Parameters:**n - Name of the object

**Throws:** [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html) - Indicates the name does not identify a binding.

[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html) - Indicates that the implementation has given up for some reason. The client, however, may be able to continue the operation at the returned naming context.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html) - Indicates that the name is invalid.

### unbind

public void **unbind**([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n)  
 throws [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html),  
 [CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

The unbind operation removes a name binding from a context.

**Specified by:**[unbind](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#unbind(org.omg.CosNaming.NameComponent%5B%5D)) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Parameters:**n - Name of the object

**Throws:** [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html) - Indicates the name does not identify a binding.

[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html) - Indicates that the implementation has given up for some reason. The client, however, may be able to continue the operation at the returned naming context.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html) - Indicates that the name is invalid.

### list

public void **list**(int how\_many,  
 [BindingListHolder](http://docs.google.com/org/omg/CosNaming/BindingListHolder.html) bl,  
 [BindingIteratorHolder](http://docs.google.com/org/omg/CosNaming/BindingIteratorHolder.html) bi)

The list operation allows a client to iterate through a set of bindings in a naming context.

The list operation returns at most the requested number of bindings in BindingList bl.

* If the naming context contains additional bindings, the list operation returns a BindingIterator with the additional bindings.
* If the naming context does not contain additional bindings, the binding iterator is a nil object reference.

**Specified by:**[list](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#list(int,%20org.omg.CosNaming.BindingListHolder,%20org.omg.CosNaming.BindingIteratorHolder)) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Parameters:**how\_many - the maximum number of bindings to return

bl - the returned list of bindings

bi - the returned binding iterator

### new\_context

public [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) **new\_context**()

This operation returns a naming context implemented by the same naming server as the context on which the operation was invoked. The new context is not bound to any name.

**Specified by:**[new\_context](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#new_context()) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html)

### bind\_new\_context

public [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) **bind\_new\_context**([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] n)  
 throws [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html),  
 [AlreadyBound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/AlreadyBound.html),  
 [CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html),  
 [InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html)

This operation creates a new context and binds it to the name supplied as an argument. The newly-created context is implemented by the same naming server as the context in which it was bound (that is, the naming server that implements the context denoted by the name argument excluding the last component).

**Specified by:**[bind\_new\_context](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#bind_new_context(org.omg.CosNaming.NameComponent%5B%5D)) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Parameters:**n - Name of the object

**Throws:** [NotFound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html) - Indicates the name does not identify a binding.

[AlreadyBound](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/AlreadyBound.html) - Indicates an object is already bound to the specified name.

[CannotProceed](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html) - Indicates that the implementation has given up for some reason. The client, however, may be able to continue the operation at the returned naming context.

[InvalidName](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/InvalidName.html) - Indicates that the name is invalid.

### destroy

public void **destroy**()  
 throws [NotEmpty](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotEmpty.html)

The destroy operation deletes a naming context. If the naming context contains bindings, the NotEmpty exception is raised.

**Specified by:**[destroy](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#destroy()) in interface [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **Throws:** [NotEmpty](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotEmpty.html) - Indicates that the Naming Context contains bindings.

### \_ids

public [String](http://docs.google.com/java/lang/String.html)[] **\_ids**()

**Description copied from class:** [**ObjectImpl**](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_ids()) Retrieves a string array containing the repository identifiers supported by this ObjectImpl object. For example, for a stub, this method returns information about all the interfaces supported by the stub.

**Specified by:**[\_ids](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html#_ids()) in class [ObjectImpl](http://docs.google.com/org/omg/CORBA/portable/ObjectImpl.html) **Returns:**the array of all repository identifiers supported by this ObjectImpl instance

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/_NamingContextExtStub.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/CosNaming/_BindingIteratorStub.html)   [**NEXT CLASS**](http://docs.google.com/org/omg/CosNaming/_NamingContextImplBase.html) | [**FRAMES**](http://docs.google.com/index.html?org/omg/CosNaming/_NamingContextExtStub.html)    [**NO FRAMES**](http://docs.google.com/_NamingContextExtStub.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

[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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