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

## **org.omg.CosNaming**

Interface NamingContextExtOperations

**All Superinterfaces:** [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) **All Known Subinterfaces:** [NamingContextExt](http://docs.google.com/org/omg/CosNaming/NamingContextExt.html) **All Known Implementing Classes:** [\_NamingContextExtStub](http://docs.google.com/org/omg/CosNaming/_NamingContextExtStub.html), [NamingContextExtPOA](http://docs.google.com/org/omg/CosNaming/NamingContextExtPOA.html)

public interface **NamingContextExtOperations**extends [NamingContextOperations](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.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)

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | [**resolve\_str**](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.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. |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | [**to\_name**](http://docs.google.com/org/omg/CosNaming/NamingContextExtOperations.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/NamingContextExtOperations.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/NamingContextExtOperations.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. |

| **Methods inherited from interface org.omg.CosNaming.**[**NamingContextOperations**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html) |
| --- |
| [bind\_context](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#bind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext)), [bind\_new\_context](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#bind_new_context(org.omg.CosNaming.NameComponent%5B%5D)), [bind](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#bind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object)), [destroy](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#destroy()), [list](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#list(int,%20org.omg.CosNaming.BindingListHolder,%20org.omg.CosNaming.BindingIteratorHolder)), [new\_context](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#new_context()), [rebind\_context](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#rebind_context(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.NamingContext)), [rebind](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#rebind(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CORBA.Object)), [resolve](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#resolve(org.omg.CosNaming.NameComponent%5B%5D)), [unbind](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.html#unbind(org.omg.CosNaming.NameComponent%5B%5D)) |

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

### to\_string

[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.

**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

[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.

**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

[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.

**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

[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.

**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)

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

[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).