| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/omg/CosNaming//class-useNameComponent.html)    [**NO FRAMES**](http://docs.google.com/NameComponent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**org.omg.CosNaming.NameComponent**

| Packages that use [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | |
| --- | --- |
| [**org.omg.CosNaming**](#3znysh7) | Provides a naming service for Java IDL. |
| [**org.omg.CosNaming.NamingContextPackage**](#2et92p0) | This package contains Exception classes for the org.omg.CosNaming package. |

| Uses of [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) in [org.omg.CosNaming](http://docs.google.com/org/omg/CosNaming/package-summary.html) | |
| --- | --- |

| Fields in [org.omg.CosNaming](http://docs.google.com/org/omg/CosNaming/package-summary.html) declared as [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | |
| --- | --- |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | **Binding.**[**binding\_name**](http://docs.google.com/org/omg/CosNaming/Binding.html#binding_name) |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | **NameHolder.**[**value**](http://docs.google.com/org/omg/CosNaming/NameHolder.html#value) |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | **NameComponentHolder.**[**value**](http://docs.google.com/org/omg/CosNaming/NameComponentHolder.html#value) |

| Methods in [org.omg.CosNaming](http://docs.google.com/org/omg/CosNaming/package-summary.html) that return [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | |
| --- | --- |
| static [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | **NameHelper.**[**extract**](http://docs.google.com/org/omg/CosNaming/NameHelper.html#extract(org.omg.CORBA.Any))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a) |
| static [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | **NameComponentHelper.**[**extract**](http://docs.google.com/org/omg/CosNaming/NameComponentHelper.html#extract(org.omg.CORBA.Any))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a) |
| static [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | **NameHelper.**[**read**](http://docs.google.com/org/omg/CosNaming/NameHelper.html#read(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) istream) |
| static [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | **NameComponentHelper.**[**read**](http://docs.google.com/org/omg/CosNaming/NameComponentHelper.html#read(org.omg.CORBA.portable.InputStream))([InputStream](http://docs.google.com/org/omg/CORBA/portable/InputStream.html) istream) |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | **\_NamingContextExtStub.**[**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. |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | **NamingContextExtOperations.**[**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. |

| Methods in [org.omg.CosNaming](http://docs.google.com/org/omg/CosNaming/package-summary.html) with parameters of type [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | |
| --- | --- |
| void | **\_NamingContextExtStub.**[**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. |
| void | **\_NamingContextStub.**[**bind\_context**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.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. |
| void | **NamingContextOperations.**[**bind\_context**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.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) | **\_NamingContextExtStub.**[**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. |
| [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) | **\_NamingContextStub.**[**bind\_new\_context**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.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. |
| [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) | **NamingContextOperations.**[**bind\_new\_context**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.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 | **\_NamingContextExtStub.**[**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 | **\_NamingContextStub.**[**bind**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.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 | **NamingContextOperations.**[**bind**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.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. |
| static void | **NameComponentHelper.**[**insert**](http://docs.google.com/org/omg/CosNaming/NameComponentHelper.html#insert(org.omg.CORBA.Any,%20org.omg.CosNaming.NameComponent))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a, [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) that) |
| static void | **NameHelper.**[**insert**](http://docs.google.com/org/omg/CosNaming/NameHelper.html#insert(org.omg.CORBA.Any,%20org.omg.CosNaming.NameComponent%5B%5D))([Any](http://docs.google.com/org/omg/CORBA/Any.html) a, [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] that) |
| void | **\_NamingContextExtStub.**[**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 | **\_NamingContextStub.**[**rebind\_context**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.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 | **NamingContextOperations.**[**rebind\_context**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.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 | **\_NamingContextExtStub.**[**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. |
| void | **\_NamingContextStub.**[**rebind**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.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. |
| void | **NamingContextOperations.**[**rebind**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.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) | **\_NamingContextExtStub.**[**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. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | **\_NamingContextStub.**[**resolve**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.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. |
| [Object](http://docs.google.com/org/omg/CORBA/Object.html) | **NamingContextOperations.**[**resolve**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.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. |
| [String](http://docs.google.com/java/lang/String.html) | **\_NamingContextExtStub.**[**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) | **NamingContextExtOperations.**[**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. |
| void | **\_NamingContextExtStub.**[**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. |
| void | **\_NamingContextStub.**[**unbind**](http://docs.google.com/org/omg/CosNaming/_NamingContextStub.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. |
| void | **NamingContextOperations.**[**unbind**](http://docs.google.com/org/omg/CosNaming/NamingContextOperations.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. |
| static void | **NameComponentHelper.**[**write**](http://docs.google.com/org/omg/CosNaming/NameComponentHelper.html#write(org.omg.CORBA.portable.OutputStream,%20org.omg.CosNaming.NameComponent))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) ostream, [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) value) |
| static void | **NameHelper.**[**write**](http://docs.google.com/org/omg/CosNaming/NameHelper.html#write(org.omg.CORBA.portable.OutputStream,%20org.omg.CosNaming.NameComponent%5B%5D))([OutputStream](http://docs.google.com/org/omg/CORBA/portable/OutputStream.html) ostream, [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] value) |

| Constructors in [org.omg.CosNaming](http://docs.google.com/org/omg/CosNaming/package-summary.html) with parameters of type [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | |
| --- | --- |
| [**Binding**](http://docs.google.com/org/omg/CosNaming/Binding.html#Binding(org.omg.CosNaming.NameComponent%5B%5D,%20org.omg.CosNaming.BindingType))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] \_binding\_name, [BindingType](http://docs.google.com/org/omg/CosNaming/BindingType.html) \_binding\_type) |
| [**NameComponentHolder**](http://docs.google.com/org/omg/CosNaming/NameComponentHolder.html#NameComponentHolder(org.omg.CosNaming.NameComponent))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) initialValue) |
| [**NameHolder**](http://docs.google.com/org/omg/CosNaming/NameHolder.html#NameHolder(org.omg.CosNaming.NameComponent%5B%5D))([NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] initialValue) |

| Uses of [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) in [org.omg.CosNaming.NamingContextPackage](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/package-summary.html) | |
| --- | --- |

| Fields in [org.omg.CosNaming.NamingContextPackage](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/package-summary.html) declared as [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | |
| --- | --- |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | **CannotProceed.**[**rest\_of\_name**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html#rest_of_name) |
| [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] | **NotFound.**[**rest\_of\_name**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html#rest_of_name) |

| Constructors in [org.omg.CosNaming.NamingContextPackage](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/package-summary.html) with parameters of type [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | |
| --- | --- |
| [**CannotProceed**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html#CannotProceed(org.omg.CosNaming.NamingContext,%20org.omg.CosNaming.NameComponent%5B%5D))([NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) \_cxt, [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] \_rest\_of\_name) |
| [**CannotProceed**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/CannotProceed.html#CannotProceed(java.lang.String,%20org.omg.CosNaming.NamingContext,%20org.omg.CosNaming.NameComponent%5B%5D))([String](http://docs.google.com/java/lang/String.html) $reason, [NamingContext](http://docs.google.com/org/omg/CosNaming/NamingContext.html) \_cxt, [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] \_rest\_of\_name) |
| [**NotFound**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html#NotFound(org.omg.CosNaming.NamingContextPackage.NotFoundReason,%20org.omg.CosNaming.NameComponent%5B%5D))([NotFoundReason](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFoundReason.html) \_why, [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] \_rest\_of\_name) |
| [**NotFound**](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFound.html#NotFound(java.lang.String,%20org.omg.CosNaming.NamingContextPackage.NotFoundReason,%20org.omg.CosNaming.NameComponent%5B%5D))([String](http://docs.google.com/java/lang/String.html) $reason, [NotFoundReason](http://docs.google.com/org/omg/CosNaming/NamingContextPackage/NotFoundReason.html) \_why, [NameComponent](http://docs.google.com/org/omg/CosNaming/NameComponent.html)[] \_rest\_of\_name) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/omg/CosNaming/NameComponent.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/omg/CosNaming//class-useNameComponent.html)    [**NO FRAMES**](http://docs.google.com/NameComponent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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