NSRelativeSpecifier Class Reference

Cocoa > Scripting & Automation

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Apple Inc.
1 Infinite Loop
Cupertino, CA 95014
408-996-1010

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NSRelativeSpecifier Class Reference

Inherits from	NSScriptObjectSpecifier : NSObject
Conforms to	NSCoding (NSScriptObjectSpecifier) NSObject (NSObject)
Framework	/System/Library/Frameworks/Foundation.framework
Availability	Available in Mac OS X v10.0 and later.
Companion guide	Cocoa Scripting Guide
Declared in	NSScriptObjectSpecifiers.h
Related sample code	Sketch-112

Overview

Specifies an object in a collection by its position relative to another object. You don't normally subclass `NSRelativeSpecifier`.

Tasks

Initializing a Relative Specifier

`- initWithContainerClassDescription:containerSpecifier:key:relativePosition:baseSpecifier:` (page 6)

Invokes the super class's `initWithContainerClassDescription:containerSpecifier:key:` method and initializes the relative position and base specifier to *`relPos`* and *`baseSpecifier`*.

Accessing a Relative Specifier

`- baseSpecifier` (page 6)

Returns a specifier for the base object.

`- relativePosition` (page 6)

Returns the relative position encapsulated by the receiver.

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- `setBaseSpecifier:` (page 7)
  Sets the specifier for the base object.
- `setRelativePosition:` (page 7)
  Sets the relative position encapsulated by the receiver.

Instance Methods

baseSpecifier

Returns a specifier for the base object.

```
- (NSScriptObjectSpecifier *)baseSpecifier
```

Return Value
A specifier for the base object—the object to which the relative specifier is related.

Availability
Available in Mac OS X v10.0 and later.

Related Sample Code
Sketch-112

Declared In
`NSScriptObjectSpecifiers.h`

initWithContainerClassDescription:containerSpecifier:key:relativePosition:baseSpecifier:

Invokes the super class's `initWithContainerClassDescription:containerSpecifier:key:` method and initializes the relative position and base specifier to *`relPos`* and *`baseSpecifier`*.

```
- (id)initWithContainerClassDescription:(NSScriptClassDescription *)classDescription
    containerSpecifier:(NSScriptObjectSpecifier *)specifier key:(NSString *)property
    relativePosition:(NSRelativePosition)relPos
   baseSpecifier:(NSScriptObjectSpecifier *)baseSpecifier
```

Availability
Available in Mac OS X v10.0 and later.

Declared In
`NSScriptObjectSpecifiers.h`

relativePosition

Returns the relative position encapsulated by the receiver.

```
- (NSRelativePosition)relativePosition
```


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Return Value
The relative position encapsulated by the receiver.

Availability
Available in Mac OS X v10.0 and later.

Related Sample Code
Sketch-112

Declared In
`NSScriptObjectSpecifiers.h`

setBaseSpecifier:

Sets the specifier for the base object.

```
- (void)setBaseSpecifier:(NSScriptObjectSpecifier *)baseSpecifier
```

Parameters
baseSpecifier
The specifier for the base object—the object to which the relative specifier is related.

Availability
Available in Mac OS X v10.0 and later.

Declared In
`NSScriptObjectSpecifiers.h`

setRelativePosition:

Sets the relative position encapsulated by the receiver.

```
- (void)setRelativePosition:(NSRelativePosition)relPos
```

Parameters
relPos
The relative position encapsulated by the receiver.

Availability
Available in Mac OS X v10.0 and later.

Declared In
`NSScriptObjectSpecifiers.h`

Constants

NSRelativePosition

These constants are used by `relativePosition` (page 6) and `setRelativePosition:` (page 7).

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```
typedef enum {
    NSRelativeAfter = 0,
    NSRelativeBefore
} NSRelativePosition;
```

Constants

`NSRelativeAfter`

Specifies a position after another object.

Available in Mac OS X v10.0 and later.

Declared in `NSScriptObjectSpecifiers.h`.

`NSRelativeBefore`

Specifies a position before another object.

Available in Mac OS X v10.0 and later.

Declared in `NSScriptObjectSpecifiers.h`.

Availability

Available in Mac OS X v10.0 and later.

Declared In

`NSScriptObjectSpecifiers.h`

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Document Revision History

This table describes the changes to *NSRelativeSpecifier Class Reference*.

Date	Notes
2006-06-28	Updated the Constants section to conform to reference consistency guidelines.
2006-05-23	First publication of this content as a separate document.

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