
NSRelativeSpecifier Class Reference

Interapplication Communication





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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	QuickLookSketch Sketch+Accessibility 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.

- [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

QuickLookSketch

Sketch+Accessibility

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
```

Return Value

The relative position encapsulated by the receiver.

Availability

Available in Mac OS X v10.0 and later.

Related Sample Code

QuickLookSketch
Sketch+Accessibility
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).

```
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`

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.

REVISION HISTORY

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