
NSRangeSpecifier Class Reference

[Cocoa](#) > [Scripting & Automation](#)



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NSRangeSpecifier 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

An `NSRangeSpecifier` object specifies a range (that is, an uninterrupted series) of objects in a container through two delimiting objects. The range is represented by two object specifiers, a start specifier and an end specifier, which can be of any specifier type (such as `NSIndexSpecifier` or `NSWhoseSpecifier` object). These specifiers are evaluated in the context of the same container object as the range specifier itself.

You don't normally subclass `NSRangeSpecifier`.

Tasks

Initializing a Range Specifier

- [initWithContainerClassDescription:containerSpecifier:key:startSpecifier:endSpecifier:](#) (page 6)

Returns a range specifier initialized with the given properties.

Accessing a Range Specifier

- [endSpecifier](#) (page 6)

Returns the object specifier representing the last object of the range.

- [setEndSpecifier:](#) (page 7)
Sets the object specifier representing the last object of the range to a given object.
- [setStartSpecifier:](#) (page 7)
Sets the object specifier representing the first object of the range to a given object.
- [startSpecifier](#) (page 7)
Returns the object specifier representing the first object of the range.

Instance Methods

endSpecifier

Returns the object specifier representing the last object of the range.

```
- (NSScriptObjectSpecifier *)endSpecifier
```

Return Value

The object specifier representing the last object of the range.

Availability

Available in Mac OS X v10.0 and later.

Related Sample Code

Sketch-112

Declared In

NSScriptObjectSpecifiers.h

initWithContainerClassDescription:containerSpecifier:key:startSpecifier:endSpecifier:

Returns a range specifier initialized with the given properties.

```
- (id)initWithContainerClassDescription:(NSScriptClassDescription *)classDescription
    containerSpecifier:(NSScriptObjectSpecifier *)container key:(NSString *)property
    startSpecifier:(NSScriptObjectSpecifier *)startSpec
    endSpecifier:(NSScriptObjectSpecifier *)endSpec
```

Parameters

classDescription

The class description.

container

The container.

property

The property.

startSpec

The object specifier representing the first object of the range.

endSpec

The object specifier representing the last object of the range.

Return Value

A range specifier initialized with the given properties.

Discussion

Invokes the super class's `initWithContainerClassDescription:containerSpecifier:key:method` and initializes the instance with the object specifiers representing the starting element, *startSpec*, and the ending element, *endSpec*, of a range of elements in the container.

Availability

Available in Mac OS X v10.0 and later.

Declared In

`NSScriptObjectSpecifiers.h`

setEndSpecifier:

Sets the object specifier representing the last object of the range to a given object.

```
- (void)setEndSpecifier:(NSScriptObjectSpecifier *)endSpec
```

Parameters

endSpec

The object specifier representing the last object of the range.

Availability

Available in Mac OS X v10.0 and later.

Declared In

`NSScriptObjectSpecifiers.h`

setStartSpecifier:

Sets the object specifier representing the first object of the range to a given object.

```
- (void)setStartSpecifier:(NSScriptObjectSpecifier *)startSpec
```

Parameters

startSpec

The object specifier representing the first object of the range.

Availability

Available in Mac OS X v10.0 and later.

Declared In

`NSScriptObjectSpecifiers.h`

startSpecifier

Returns the object specifier representing the first object of the range.

- (NSScriptObjectSpecifier *)startSpecifier

Return Value

The object specifier representing the first object of the range.

Availability

Available in Mac OS X v10.0 and later.

Related Sample Code

Sketch-112

Declared In

NSScriptObjectSpecifiers.h

Document Revision History

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

Date	Notes
2006-05-23	First publication of this content as a separate document.

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