
NSIndexSpecifier Class Reference

Data Management: Data Types & Collections





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NSIndexSpecifier 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	Quartz Composer WWDC 2005 TextEdit QuickLookSketch Sketch+Accessibility Sketch-112

Overview

The `NSIndexSpecifier` class represents an object in a collection (or container) with an index number. The script terms `first` and `front` specify the object with index 0, while `last` specifies the object with index of `count - 1`. A negative index indicates a location by counting backward from the last object in the collection.

You don't normally subclass `NSIndexSpecifier`.

Tasks

Creating Index Specifiers

- [initWithContainerClassDescription:containerSpecifier:key:index:](#) (page 6)
Initializes an allocated `NSIndexSpecifier` (page 5) object with a class description, container specifier, collection key, and object index.

Accessing the Index

- [index](#) (page 6)
Returns the value receiver's `index` property.
- [setIndex:](#) (page 7)
Sets the value of the receiver's `index` property.

Instance Methods

index

Returns the value receiver's `index` property.

- (NSInteger)index

Return Value

Value of the receiver's `index` property.

Availability

Available in Mac OS X v10.0 and later.

Declared In

NSScriptObjectSpecifiers.h

initWithContainerClassDescription:containerSpecifier:key:index:

Initializes an allocated [NSIndexSpecifier](#) (page 5) object with a class description, container specifier, collection key, and object index.

```
- (id)initWithContainerClassDescription:(NSScriptClassDescription *)classDescription
    containerSpecifier:(NSScriptObjectSpecifier *)containerSpecifier key:(NSString *)collectionKey index:(NSInteger)objectIndex
```

Parameters

classDescription

Description for the container of the collection.

containerSpecifier

Container of the collection.

collectionKey

Name of the collection.

objectIndex

The object within the *key* collection the index specifier is to identify.

Return Value

Initialized [NSIndexSpecifier](#) (page 5) object with its `index` property set to *objectIndex*.

Discussion

Invokes the super class's `initWithContainerClassDescription:containerSpecifier:key:method` and sets the `index` property of the index specifier to *objectIndex*.

Availability

Available in Mac OS X v10.0 and later.

Related Sample Code

Quartz Composer WWDC 2005 TextEdit

QuickLookSketch

Sketch+Accessibility

Sketch-112

Declared In

NSScriptObjectSpecifiers.h

setIndex:

Sets the value of the receiver's `index` property.

- (void)setIndex:(NSInteger)*index*

Parameters

index

Value for the receiver's `index` property.

Availability

Available in Mac OS X v10.0 and later.

Declared In

NSScriptObjectSpecifiers.h

Document Revision History

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

Date	Notes
2007-04-01	Made editorial improvements.
2006-05-23	First publication of this content as a separate document.

REVISION HISTORY

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