
UICollectionViewItem Class Reference

User Experience: Windows & Views



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NSCollectionViewItem Class Reference

Inherits from	NSViewController : NSResponder : NSObject
Conforms to	NSCopying NSCoding (NSViewController) NSCoding (NSResponder) NSObject (NSObject) NSEditor (Informal Protocol) (NSViewController) NSEditorRegistration (Informal Protocol) (NSViewController)
Framework	/System/Library/Frameworks/AppKit.framework
Availability	Available in Mac OS X v10.5 and later.
Declared in	NSCollectionView.h

Overview

`NSCollectionViewItem` class is a controller that manages the relationship between a compound view and the model object that provides its content. Instances of this class are replicated in a `NSCollectionView`.

Important: In Mac OS X v10.5, the superclass of the `NSCollectionViewItem` class was `NSObject`. In Mac OS X v10.6 and later, `NSCollectionViewItem` is now a subclass of `NSViewController`. This change was made to improve how the view is replicated within the `NSCollectionView`. `NSCollectionViewItem` remains binary compatible with the previous implementation and unarchiving is correctly handled.

Tasks

Setting the Represented Object

- `representedObject` (page 9) **Available in Mac OS X v10.5 through Mac OS X v10.5**
Returns the receiver's represented object.
- `setRepresentedObject:` (page 9) **Available in Mac OS X v10.5 through Mac OS X v10.5**
Sets the receiver's represented object to the specified model object.

Modifying the View

- `setView:` (page 9) **Available in Mac OS X v10.5 through Mac OS X v10.5**
Sets the view the receiver uses to display its represented object.
- `view` (page 10) **Available in Mac OS X v10.5 through Mac OS X v10.5**
Returns the view the receiver uses to display its represented object.

Managing the Selection

- `setSelected:` (page 7)
Sets the selection state of the receiver.
- `isSelected` (page 6)
Returns the selection state of the receiver.

Parent Collection View

- `collectionView` (page 6)
Returns the receiver's collection view.

Instance Methods

collectionView

Returns the receiver's collection view.

```
- (NSCollectionView *)collectionView
```

Return Value

The receiver's collection view.

Availability

Available in Mac OS X v10.5 and later.

Declared In

NSCollectionView.h

isSelected

Returns the selection state of the receiver.

```
- (BOOL)isSelected
```

Return Value

YES if the receiver is selected, otherwise NO.

Availability

Available in Mac OS X v10.5 and later.

Declared In

NSCollectionView.h

setSelected:

Sets the selection state of the receiver.

- (void)setSelected:(BOOL)flag

Parameters

flag

YES if the receiver is selected, otherwise NO.

Availability

Available in Mac OS X v10.5 and later.

Declared In

NSCollectionView.h

Deprecated NSCollectionViewItem Methods

A method identified as deprecated has been superseded and may become unsupported in the future.

Available in Mac OS X v10.5 through Mac OS X v10.5

representedObject

Returns the receiver's represented object. (Available in Mac OS X v10.5 through Mac OS X v10.5.)

- (id)representedObject

Return Value

The receiver's represented object.

Availability

Available in Mac OS X v10.5 through Mac OS X v10.5.

Declared In

NSCollectionView.h

setRepresentedObject:

Sets the receiver's represented object to the specified model object. (Available in Mac OS X v10.5 through Mac OS X v10.5.)

- (void)setRepresentedObject:(id)object

Parameters

object

The receiver's model object.

Availability

Available in Mac OS X v10.5 through Mac OS X v10.5.

Declared In

NSCollectionView.h

setView:

Sets the view the receiver uses to display its represented object. (Available in Mac OS X v10.5 through Mac OS X v10.5.)

- (void)setView:(NSView *)view

Deprecated NSCollectionViewItem Methods

Parameters

view

The view that is used to display the receiver's represented object.

Availability

Available in Mac OS X v10.5 through Mac OS X v10.5.

Declared In

NSCollectionView.h

view

Returns the view the receiver uses to display its represented object. (Available in Mac OS X v10.5 through Mac OS X v10.5.)

- (NSView *)view

Return Value

The view the receiver uses to display its represented object.

Availability

Available in Mac OS X v10.5 through Mac OS X v10.5.

Declared In

NSCollectionView.h

Document Revision History

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

Date	Notes
2009-05-01	Updated for Mac OS X v10.6. <i>NSCollectionViewItem</i> now inherits from <i>NSViewController</i> rather than <i>NSObject</i> .
2006-12-28	New document that describes the class that acts as a controller between a prototype view and a model object.

REVISION HISTORY

Document Revision History