NSToolbarItemGroup Class Reference

Cocoa > User Experience

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NSToolbarItemGroup Class Reference

Inherits from	NSToolbarItem : NSObject
Conforms to	NSValidatedUserInterfaceItem (NSToolbarItem) NSCopying (NSToolbarItem) NSObject (NSObject)
Framework	/System/Library/Frameworks/AppKit.framework
Availability	Available in Mac OS X v10.5 and later.
Companion guide	Toolbar Programming Topics for Cocoa
Declared in	NSToolbarItemGroup.h

Overview

`NSToolbarItemGroup` is a subclass of `NSToolbarItem` which contains subitems. The views and labels of the subitems are used, but the parent's attributes take precedence.

To configure an instance of `NSToolbarItemGroup`, you first create the individual toolbar items that will be the subitems:

```
NSToolbarItem *item1 = [[[NSToolbarItem alloc] initWithItemIdentifier:@"Item1"]
 autorelease];
NSToolbarItem *item2 = [[[NSToolbarItem alloc] initWithItemIdentifier:@"Item2"]
 autorelease];
[item1 setImage:[NSImage imageNamed:@"LeftArrow"]];
[item2 setImage:[NSImage imageNamed:@"RightArrow"]];
[item1 setLabel:@"Prev"];
[item2 setLabel:@"Next"];
```

and then put them in a grouped item:

```
NSToolbarItemGroup *group = [[[NSToolbarItemGroup alloc]
initWithItemIdentifier:@"GroupItem"] autorelease];
[group setSubitems:[NSArray arrayWithObjects:item1, item2, nil]];
```

In this configuration, you get two grouped items, and two labels. This differs from ordinary `NSToolbarItem` objects because they are attached—the user drags them together as a single item rather than separately.

If you set a label on the parent item:

```
[group setLabel:@"Navigate"];
```

you get two grouped items with one shared label.

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If instead you set a view on the parent item, you get two labels with one shared view:

```
[group setView:someSegmentedControl];
```

Tasks

Working with Subitems

- `subitems` (page 6)
  Returns the subitems for the receiver.
- `setSubitems:` (page 6)
  Sets the subitems for the receiver.

Instance Methods

setSubitems:

Sets the subitems for the receiver.

```
- (void)setSubitems:(NSArray *)subitems
```

Parameters

subitems
  An array of instances of `NSToolbarItem` objects that form the subitems for the receiver.

Discussion
You should call this method to set the subitems before returning the item to the toolbar. `NSToolbarItemGroup` objects cannot contain other `NSToolbarItemGroup` objects as subitems.

Availability
Available in Mac OS X v10.5 and later.

Declared In
`NSToolbarItemGroup.h`

subitems

Returns the subitems for the receiver.

```
- (NSArray *)subitems
```

Return Value
The subitems for the receiver.

Discussion
By default, an `NSToolbarItemGroup` instance has an empty array of subitems.

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Availability
Available in Mac OS X v10.5 and later.

Declared In
`NSToolbarItemGroup.h`

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Document Revision History

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

Date	Notes
2007-04-11	New document that describes the class that encapsulates a group of items in a window's toolbar.

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Document Revision History

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S

`setSubitems:` instance method 6
`subitems` instance method 6

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