
UIToolbar Class Reference

User Experience: Controls



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UIToolbar Class Reference

Inherits from	UIView : UIResponder : NSObject
Conforms to	NSCoding (UIView) NSObject (NSObject)
Framework	/System/Library/Frameworks/UIKit.framework
Availability	Available in iOS 2.0 and later.
Declared in	UIToolbar.h
Related sample code	MultipleDetailViews ToolbarSearch

Overview

An instance of the `UIToolbar` class is a control for selecting one of many buttons, called toolbar items. A toolbar momentarily highlights or does not change the appearance of an item when tapped. Use the `UITabBar` class if you need a radio button style control.

Use the `UIBarButtonItem` class to create items and the `setItems:animated:` (page 7) method to add them to a toolbar. All methods with an `animated:` argument allow you to optionally animate changes to the display.

Toolbar images that represent normal and highlighted states of an item derive from the image you set using the inherited `image` property from the `UIBarButtonItem` class. For example, the image is converted to white and then bevelled by adding a shadow for the normal state.

Tasks

Configuring the Toolbar

`barStyle` (page 6) *property*

The toolbar style that specifies its appearance.

`tintColor` (page 7) *property*

The color used to tint the bar.

`translucent` (page 7) *property*

A Boolean value that indicates whether the toolbar is translucent (YES) or not (NO).

Configuring Toolbar Items

[items](#) (page 6) *property*

The items displayed on the toolbar.

- [setItems:animated:](#) (page 7)

Sets the items on the toolbar by animating the changes.

Properties

For more about Objective-C properties, see “Properties” in *The Objective-C Programming Language*.

barStyle

The toolbar style that specifies its appearance.

```
@property(n nonatomic) UIBarStyle barStyle
```

Discussion

See `UIBarStyle` for possible values. The default value is `UIBarStyleDefault`.

Availability

Available in iOS 2.0 and later.

Declared In

`UIToolbar.h`

items

The items displayed on the toolbar.

```
@property(n nonatomic, copy) NSArray *items
```

Discussion

The items, instances of `UIBarButtonItem`, that are visible on the toolbar in the order they appear in this array. Any changes to this property are not animated. Use the [setItems:animated:](#) (page 7) method to animate changes.

The default value is `nil`.

Availability

Available in iOS 2.0 and later.

See Also

- [setItems:animated:](#) (page 7)

Related Sample Code

`ToolbarSearch`

Declared In

UIToolbar.h

tintColor

The color used to tint the bar.

```
@property(nonatomic, retain) UIColor *tintColor
```

Discussion

The default value is nil.

Availability

Available in iOS 2.0 and later.

Declared In

UIToolbar.h

translucent

A Boolean value that indicates whether the toolbar is translucent (YES) or not (NO).

```
@property(nonatomic, assign, getter=isTranslucent) BOOL translucent
```

Discussion

Applying translucence to a toolbar is intended primarily for landscape orientation, when you want the user to be able to view the area beneath the toolbar. The default value for this property is NO. However, if you set the toolbar style to UIBarStyleBlackTranslucent, the value for this property is always YES.

Availability

Available in iOS 3.0 and later.

Declared In

UIToolbar.h

Instance Methods

setItems:animated:

Sets the items on the toolbar by animating the changes.

```
- (void)setItems:(NSArray *)items animated:(BOOL)animated
```

Parameters

items

The items to display on the toolbar.

animated

A Boolean value if set to YES animates the transition to the items; otherwise, does not.

Discussion

If *animated* is YES, the changes are dissolved or the reordering is animated—for example, removed items fade out and new items fade in. This method also adjusts the spacing between items.

Availability

Available in iOS 2.0 and later.

See Also

[@property items](#) (page 6)

Declared In

UIToolbar.h

Document Revision History

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

Date	Notes
2009-03-09	Updated for iOS 3.0.
	Added description for the translucent (page 7) property.
2008-04-19	New document that describes the class that implements a control for selecting one of many buttons, called toolbar items.

REVISION HISTORY

Document Revision History