Protocol

UITabBarControllerDelegate

A set of methods you implement to customize the behavior of a tab bar.

Declaration

```
protocol UITabBarControllerDelegate
```

Overview

You use the `UITabBarControllerDelegate` protocol when you want to augment the behavior of a tab bar. In particular, you can use it to determine whether specific tabs should be selected, to perform actions after a tab is selected, or to perform actions before or after the user customizes the order of the tabs. After implementing these methods in your custom object, you should then assign that object to the `delegate` property of the corresponding `UITabBarController` object.

All of the methods in this protocol are optional. For more information on how to use and configure tab bar controllers and their delegates, see View Controller Programming Guide for iOS.

Topics

Managing Tab Bar Selections

```
func tabBarController(UITabBarController, shouldSelect: UIView
Controller) -> Bool
```
    Asks the delegate whether the specified view controller should be made active.

```
func tabBarController(UITabBarController, didSelect: UIView
Controller)
```
    Tells the delegate that the user selected an item in the tab bar.

Managing Tab Bar Customizations

```
func tabBarController(UITabBarController, willBeginCustomizing:
[UIViewController])
```
Tells the delegate that the tab bar customization sheet is about to be displayed.

```
func tabBarController(UITabBarController, willEndCustomizing:
[UIViewController], changed: Bool)
```
Tells the delegate that the tab bar customization sheet is about to be dismissed.

```
func tabBarController(UITabBarController, didEndCustomizing:
[UIViewController], changed: Bool)
```
Tells the delegate that the tab bar customization sheet was dismissed.

Overriding View Rotation Settings

```
func tabBarControllerSupportedInterfaceOrientations(UITabBar
Controller) -> UIInterfaceOrientationMask
```
Called to allow the delegate to provide the complete set of supported interface orientations for the tab bar controller.

```
func tabBarControllerPreferredInterfaceOrientationFor
Presentation(UITabBarController) -> UIInterfaceOrientation
```
Called to allow the delegate to provide the preferred orientation for presentation of the tab bar controller.

Supporting Custom Tab Bar Transition Animations

```
func tabBarController(UITabBarController, animationControllerFor
TransitionFrom: UIViewController, to: UIViewController) -> UIView
ControllerAnimatedTransitioning?
```
Called to allow the delegate to return a UIViewControllerAnimatedTransitioning delegate object for use during a noninteractive tab bar view controller transition.

```
func tabBarController(UITabBarController, interactionControllerFor:
UIViewControllerAnimatedTransitioning) -> UIViewController
InteractiveTransitioning?
```
Called to allow the delegate to return a UIViewControllerInteractive Transitioning delegate object for use during an animated tab bar transition.