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Protocol

# NSTouchBarProvider

A protocol that an object adopts to create a bar object in your app.

iOS 13.0+ | iPadOS 13.0+ | Mac Catalyst 13.1+ | macOS

```
protocol NSTouchBarProvider : NSObjectProtocol
```

## Topics

### Providing a Touch Bar

`var touchBar: NSTouchBar?`

The property you implement to provide a Touch Bar object.

Required

## Relationships

### Inherits From

[NSObjectProtocol](#)

### Conforming Types

[NSApplication](#)

[NSBackgroundExtensionView](#)

[NSBox](#)

NSBrowser  
NSButton  
NSClipView  
NSCollectionView  
NSCollectionViewItem  
NSColorPanel  
NSColorWell  
NSComboBox  
NSComboBox  
NSControl  
NSDatePicker  
NSDrawer  
NSFontPanel  
NSForm  
NSGlassEffectContainerView  
NSGlassEffectView  
NSGridView  
NSImageView  
NSLevelIndicator  
NSMatrix  
NSOpenGLView  
NSOpenPanel  
NSOutlineView  
NSPageController  
NSPanel  
NSPathControl  
NSPopUpButton  
NSPopover  
NSPredicateEditor  
NSProgressIndicator  
NSResponder  
NSRuleEditor  
NSRulerView  
NSSavePanel  
NSScrollView  
NSScroller  
NSScrubber  
NSScrubberArrangedView  
NSScrubberImageItemView  
NSScrubberItemView  
NSScrubberSelectionView  
NSScrubberTextItemView  
NSSearchField

```
NSSecureTextField  
NSSegmentedControl  
NSSlider  
NSSplitView  
NSSplitViewController  
NSSplitViewItemAccessoryViewController  
NSStackView  
NSStatusBarButton  
NSStepper  
NSSwitch  
NSTabView  
NSTabViewController  
NSTableCellView  
NSTableHeaderView  
NSTableRowView  
NSTableView  
NSText  
NSTextField  
NSTextInsertionIndicator  
NSTextView  
NSTitlebarAccessoryViewController  
NSTokenField  
NSView  
NSViewController  
NSVisualEffectView  
NSWindow  
NSWindowController
```

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## See Also

### Essentials

- { } Integrating a Toolbar and Touch Bar into Your App

Provide users quick access to your app's features from a toolbar and corresponding Touch Bar.

- { } Creating and Customizing the Touch Bar

Adopt Touch Bar support by displaying interactive content and controls for your macOS apps.

```
class NSTouchBar
```

An object that provides dynamic contextual controls in the Touch Bar of supported models of MacBook Pro.

```
protocol NSTouchBarDelegate
```

A protocol that allows you to provide the items for a bar dynamically.