

[AppKit](#) / Menus, Cursors, and the Dock

API Collection

# Menus, Cursors, and the Dock

Implement menus and cursors to facilitate interactions with your app, and use your app's Dock tile to convey updated information.

## Topics

### Menus

`class NSMenu`

An object that manages an app's menus.

`class NSMenuItem`

A command item in an app menu.

`class NSMenuItemBadge`

A control that provides additional quantitative information specific to a menu item, such as the number of available updates.

`protocol NSMenuDelegate`

The optional methods implemented by delegates of [NSMenu](#) objects to manage menu display and handle some events.

### Menu Validation

`protocol NSMenuItemValidation`

### Menu Bar Items

```
class NSSStatusBar
```

An object that manages a collection of status items displayed within the system-wide menu bar.

```
class NSSStatusItem
```

An individual element displayed in the system menu bar.

```
class NSSStatusBarButton
```

The appearance and behavior of an item in the systemwide menu bar.

## Cursors

```
class NSCursor
```

A pointer (also called a cursor).

```
class NSTrackingArea
```

A region of a view that generates mouse-tracking and cursor-update events when the pointer is over that region.

## The Dock

```
class NSDockTile
```

The visual representation of your app's miniaturized windows and app icon as they appear in the Dock.

```
protocol NSDockTilePlugIn
```

A set of methods implemented by plug-ins that allow an app's Dock tile to be customized while the app is not running.

## See Also

### User Interactions

☰ Mouse, Keyboard, and Trackpad

Handle events related to mouse, keyboard, and trackpad input.

☰ Gestures

Encapsulate your app's event-handling logic in gesture recognizers so that you can reuse that code throughout your app.

☰ Touch Bar

Display interactive content and controls in the Touch Bar.

☰ Drag and Drop

Support the direct manipulation of your app's content using drag and drop.

☰ Accessibility for AppKit

Make your AppKit apps accessible to everyone who uses macOS.