

[AppKit](#) / App Extensions

API Collection

App Extensions

Extend your app's basic functionality to other parts of the system.

Topics

Extension Support

`class` `NSExtensionContext`

The host app context from which an app extension is invoked.

`protocol` `NSExtensionRequestHandling` : `NSObjectProtocol`

The interface an app extension uses to respond to a request from a host app.

Quick Actions

Quick Actions allow your app extension to appear in the Finder Preview pane, Quick Actions menu, and Touch Bar.

`{}` Add Functionality to Finder with Action Extensions

Implement Action Extensions to provide quick access to commonly used features of your app.

`NSExtensionServiceAllowsFinderPreviewItem`

A Boolean value indicating whether the extension appears in the Finder Preview pane and Quick Actions menu.

`NSExtensionServiceFinderPreviewLabel`

A name for display when the extension appears in the Finder Preview pane and Quick Actions menu.

NSExtensionServiceFinderPreviewIconName

The name of an icon for display when the extension appears in the Finder Preview pane and Quick Actions menu.

NSExtensionServiceAllowsTouchBarItem

A Boolean value indicating whether the extension appears as a Quick Action in the Touch Bar.

NSExtensionServiceTouchBarLabel

A name for display when the extension appears as a Quick Action in the Touch Bar.

NSExtensionServiceTouchBarIconName

The name of an icon for display when the extension appears as a Quick Action in the Touch Bar

NSExtensionServiceTouchBarBezelColorName

The color to use for the bezel around the extension when it appears as a Quick Action in the Touch Bar.

Mail Extensions

 Build Mail App Extensions

Create app extensions that block content, perform message and composing actions, and help message security.

UTI Subtypes for Data Detector Types

```
let NSTypeIdentifierAddressText: String
```

```
let NSTypeIdentifierDateText: String
```

```
let NSTypeIdentifierPhoneNumberText: String
```

```
let NSTypeIdentifierTransitInformationText: String
```

See Also

App Structure

 App and Environment

Learn about the objects that you use to interact with the system.

☰ Documents, Data, and Pasteboard

Organize your app's data and preferences, and share that data on the pasteboard or in iCloud.

☰ Cocoa Bindings

Automatically synchronize your data model with your app's interface using Cocoa Bindings.

☰ Resource Management

Manage the storyboards and nib files containing your app's user interface, and learn how to load data that is stored in resource files.