

[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.