

Shared with You Core

Integrate custom collaboration with Messages, Mail, and FaceTime.



Overview

The Shared with You Core framework provides classes to collaborate and share documents directly with the Messages, Mail, and FaceTime apps. Use the classes in this framework to share content, create configurable collaboration settings, and manage participants.

The framework provides a customizable popover to your app to manage details of the collaboration and connect to conversations. The UI incorporates technologies you already use, like share sheet and drag and drop. An indicator in the share sheet header identifies a collaboration.

Use the [SWCollaborationCoordinator](#) to manage collaboration activities in your app. The [SWCollaborationMetadata](#) objects contain the collaboration metadata with essential information like, identifiers, titles, and share option configuration that update the UI. To customize collaboration settings, use the [SWCollaborationOption](#), [SWCollaborationOptionsGroup](#), and [SWCollaborationShareOptions](#) classes. These options appear in Messages, Mail, and FaceTime, providing people with the opportunity to make choices about permissions, access levels, and other collaboration parameters.

For more information on integrating with Messages, Mail, and FaceTime, see [Adding custom collaboration to your app](#).

Note

Shared with You Core is a [Shared with You](#) framework.

Topics

Coordinate collaborations

`class SWCollaborationCoordinator`

An object that contains the shared collaboration coordinator.

Handle collaboration actions

`class SWAction`

An object that represents a collaboration action.

`protocol SWCollaborationActionHandler`

A delegate to handle incoming collaboration actions from a collaboration coordinator.

`class SWStartCollaborationAction`

An object that represents the first action sent to an app when the user shares a collaboration.

`class SWUpdateCollaborationParticipantsAction`

An action that contains the cryptographic identities the system uses to add to or remove from an existing collaboration.

Register the collaboration metadata

`class SWCollaborationMetadata`

A model object for conveying data during a collaboration.

Manage options in a collaboration

`class SWCollaborationOption`

An object that determines how the system shares a document in a collaboration.

`class SWCollaborationOptionsGroup`

An object that represents a group of collaboration options that the system displays together.

`class SWCollaborationOptionsPickerGroup`

An object that represents a group of collaboration options that the system displays together with mutually exclusive options.

`class SWCollaborationShareOptions`

An object that represents the state of the collaboration options for the document.

`struct SWLocalCollaborationIdentifier`

A local identifier for a collaboration.

`let UTCollaborationOptionsTypeIdentifier: String`

A string constant for the options type identifier.

Manage collaboration participants

`class SWPerson`

An object that tracks participants in a collaboration.

`struct SWCollaborationIdentifier`

A unique identifier for a collaboration.

Platforms	Topics & Technologies	Resources	Programs
iOS	Accessibility	Documentation	Apple Developer Program
iPadOS	Accessories	Tutorials	Apple Developer Enterprise Program
macOS	App Extension	Downloads	App Store Small Business Program
tvOS	App Store	Forums	MFi Program
visionOS	Audio & Video	Videos	News Partner Program
watchOS	Augmented Reality	Support	Video Partner Program
Tools	Design	Support Articles	Security Bounty Program
Swift	Distribution	Contact Us	Security Research Device Program
SwiftUI	Education	Bug Reporting	Events
Swift Playground	Fonts	System Status	Meet with Apple
TestFlight	Games	Account	Apple Developer Centers
Xcode	Health & Fitness	Apple Developer	App Store Awards
Xcode Cloud	In-App Purchase	App Store Connect	Apple Design Awards
SF Symbols	Localization	Certificates, IDs, & Profiles	Apple Developer Academies
	Maps & Location	Feedback Assistant	WWDC
	Machine Learning & AI		
	Open Source		
	Security		
	Safari & Web		