

App Intents

Action button on iPhone and Apple Watch

Responding to the Action button

Responding to the Action button on Ap...

StartWorkoutIntent

PauseWorkoutIntent

ResumeWorkoutIntent

StartDiveIntent

ConfirmationActionName

Launching your voice-based conversation...

Developing a WidgetKit strategy

SiriKit migration

Soup Chef with App Intents: Migrating cu...

Actions

App intents

Intent discovery

App Shortcuts

Parameters, custom data types, and queries

Adding parameters to an app intent

Integrating custom data types into your in...

Filter

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API Collection

Action button on iPhone and Apple Watch

Enable people to run your App Shortcuts with the Action button on iPhone or to start your app’s workout or dive sessions using the Action button on Apple Watch.

Overview

On supported iPhone models, people can choose a single App Shortcut to perform an app’s action when they press the Action button by selecting an App Shortcut in Settings > Action button. To give users quick access to your app’s functionality, create App Shortcuts for your high-value app intents using the `init(intent:phrases:shortTitle:systemImageName:)` or `init(intent:phrases:shortTitle:systemImageName:parameterPresentation:)` initializer. For additional information, see [App Shortcuts](#).

On supported Apple Watch models, people can choose to start workout or dive session using the Action button in Settings > Action Button. To add your app to the list of available workout or dive apps, implement an App Intent that adopts the [StartWorkoutIntent](#) or [StartDiveIntent](#) protocol. For more information, see [Responding to the Action button on Apple Watch Ultra](#).

For design guidance, see [Human Interface Guidelines > App Shortcuts](#) and [Human Interface Guidelines > Action button](#).

Topics

Responding to the Action button

[Responding to the Action button on Apple Watch Ultra](#)
Use App Intents to register actions for your app.

protocol [StartWorkoutIntent](#)
An App Intent for starting a workout.

protocol [PauseWorkoutIntent](#)
An App Intent that lets someone pause your app’s current workout session.

protocol [ResumeWorkoutIntent](#)
An App Intent that lets someone resume your app’s paused workout session.

protocol [StartDiveIntent](#)
An App Intent that lets people start a dive session when they press the Action button on Apple Watch Ultra.

struct [ConfirmationActionName](#)

See Also

Other system experiences

[Making app entities available in Spotlight](#)
Allow people to find your app’s content in Spotlight by donating app entities to its semantic index.

[Focus](#)
Adjust your app’s behavior and filter incoming notifications when the current Focus changes.

[Launching your voice-based conversational app from the side button of iPhone](#)
Let people in Japan configure the side button of iPhone to launch your voice-based conversational app.

[Developing a WidgetKit strategy](#)
Explore features, tasks, related frameworks, and constraints as you make a plan to implement widgets, controls, watch complications, and Live Activities.

Platforms

- iOS
- iPadOS
- macOS
- tvOS
- visionOS
- watchOS
- Tools**
- Swift
- SwiftUI
- Swift Playground
- TestFlight
- Xcode
- Xcode Cloud
- SF Symbols

Topics & Technologies

- Accessibility
- Accessories
- App Extension
- App Store
- Audio & Video
- Augmented Reality
- Design
- Distribution
- Education
- Fonts
- Games
- Health & Fitness
- In-App Purchase
- Localization
- Maps & Location
- Machine Learning & AI
- Open Source
- Security
- Safari & Web

Resources

- Documentation
- Tutorials
- Downloads
- Forums
- Videos
- Support**
- Support Articles
- Contact Us
- Bug Reporting
- System Status
- Account**
- Apple Developer
- App Store Connect
- Certificates, IDs, & Profiles
- Feedback Assistant

Programs

- Apple Developer Program
- Apple Developer Enterprise Program
- App Store Small Business Program
- MFi Program
- News Partner Program
- Video Partner Program
- Security Bounty Program
- Security Research Device Program
- Events**
- Meet with Apple
- Apple Developer Centers
- App Store Awards
- Apple Design Awards
- Apple Developer Academies
- WWDC