

# **App Intents**

## **Implementa Siri en tu app**

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# App Intents

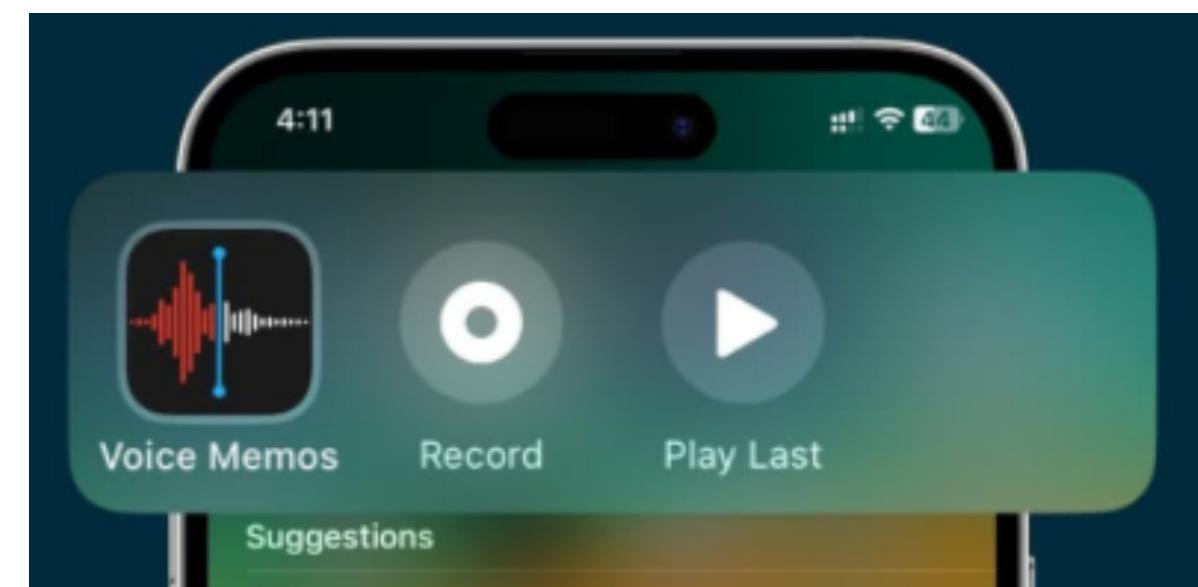
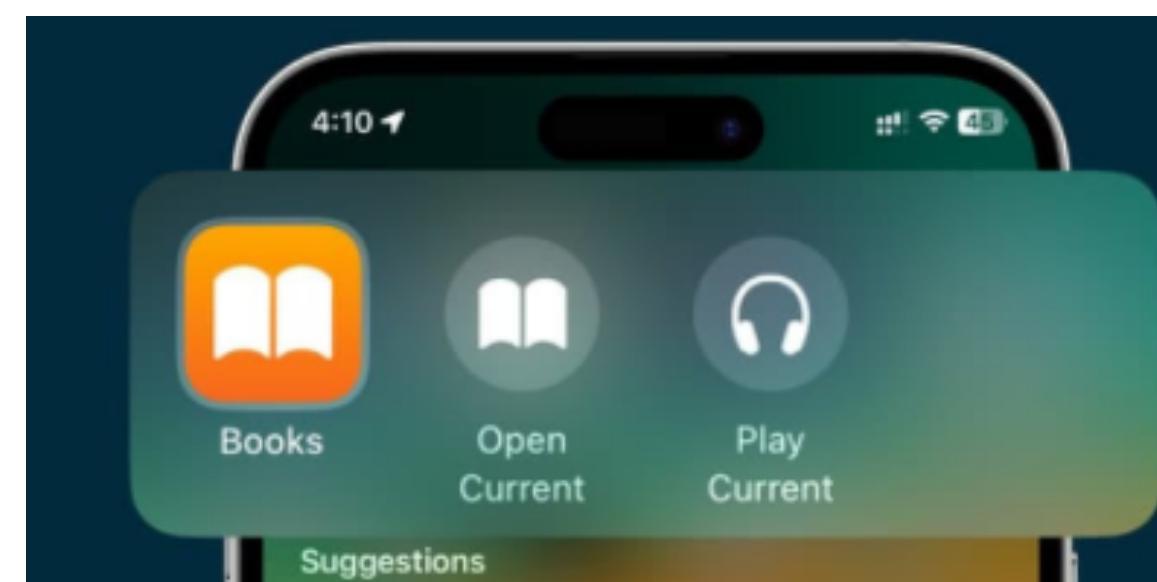
Make your app's content and actions discoverable with system experiences like Spotlight, widgets, and enhanced action capabilities of Siri, powered by Apple Intelligence.

iOS 16.0+ | iPadOS 16.0+ | Mac Catalyst 16.0+ | macOS 13.0+ | tvOS 16.0+ | visionOS 1.0+ | watchOS 9.0+

## Overview

The App Intents framework provides functionality to deeply integrate your app's actions and content with system experiences across platforms, including Siri, Spotlight, widgets, controls and more. With Apple Intelligence and enhancements to App Intents, Siri suggests your app's actions to help people discover your app's features and gains the ability to take actions in and across apps.





# Apple Intelligence

AI for the rest of us.

Available now\*



# The start of a new era for Siri.



<b>iPhone 16</b> A18	<b>iPhone 15 Pro</b> A17 Pro	<b>MacBook Pro</b> M1 and later
<b>iPhone 16 Plus</b> A18	<b>iPad Pro</b> M1 and later	<b>iMac</b> M1 and later
<b>iPhone 16 Pro Max</b> A18 Pro	<b>iPad Air</b> M1 and later	<b>Mac mini</b> M1 and later
<b>iPhone 16 Pro</b> A18 Pro	<b>iPad mini</b> A17 Pro	<b>Mac Studio</b> M1 Max and later
<b>iPhone 15 Pro Max</b> A17 Pro	<b>MacBook Air</b> M1 and later	<b>Mac Pro</b> M2 Ultra

Article

# Creating your first app intent

Create your first app intent that makes your app available in system experiences like Spotlight or the Shortcuts app.



## Identify an action

Think about actions and tasks people perform in your app, an action's input and output data, and how the system could surface actions in its services and experiences. In general, implement your [AppIntent](#) to have a narrow focus and do one thing well. People can invoke it individually, or create custom shortcuts by combining it with app intents from other apps in the Shortcuts app.

For your first app intent, choose an action that people are likely to use frequently. Then, add an App Shortcut that includes the app intent.

Documentación de Apple: <https://developer.apple.com/documentation/appintents/>

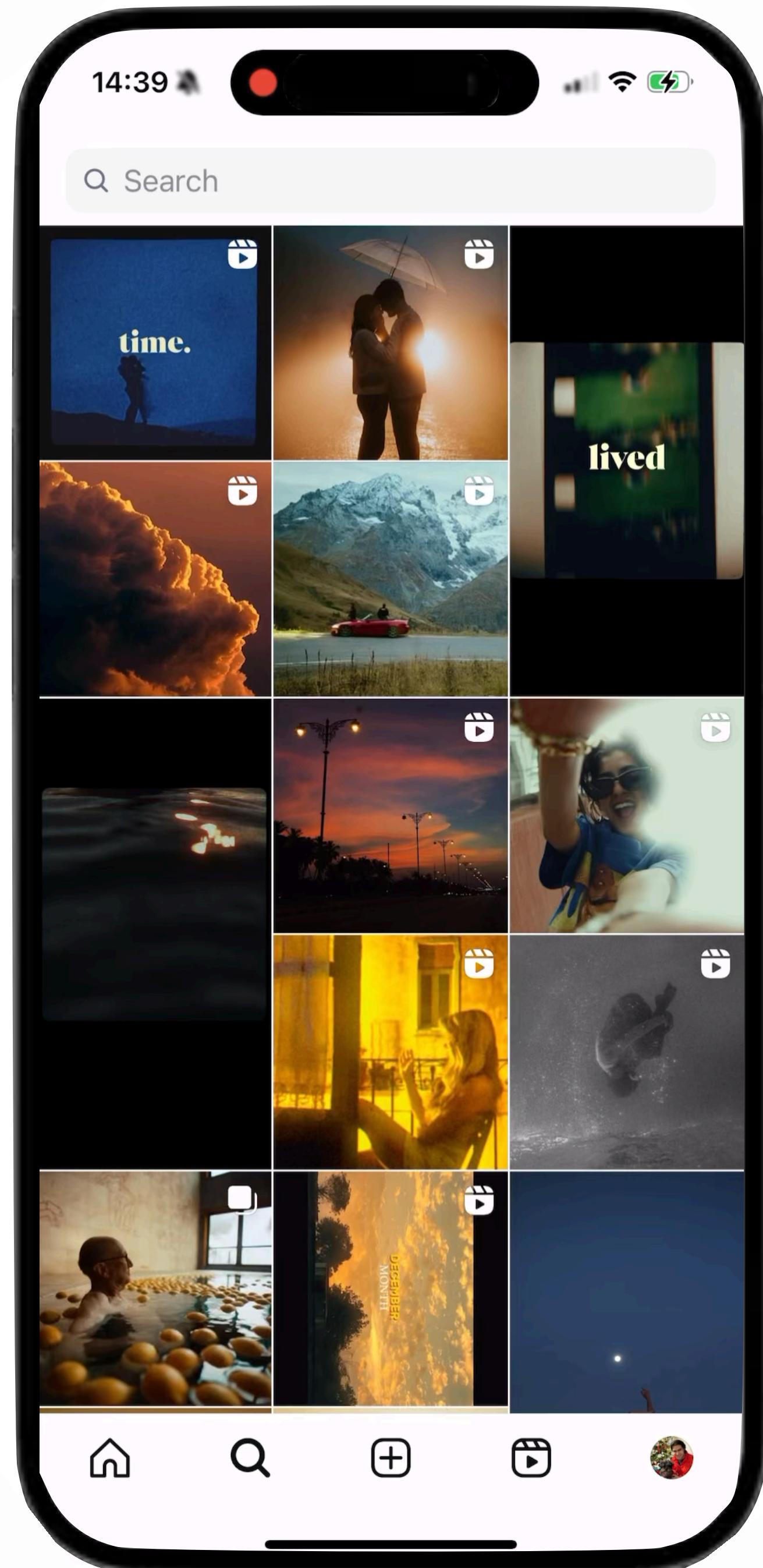
- 📄 Making word processor actions available to Siri and Apple Intelligence
- 📄 Making file management actions available to Siri and Apple Intelligence
- 📄 Making browser actions available to Siri and Apple Intelligence
- 📄 Making journaling actions available to Siri and Apple Intelligence
- 📄 Making ebook actions available to Siri and Apple Intelligence

Books  
Spreadsheet  
Camera  
Presentation  
File Management  
Photos



Mail  
Document reader  
Browser  
Word processor  
Whiteboard  
Journal

# Workshop



# Recursos



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README



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Swift 100.0%

## Suggested workflows

Based on your tech stack

# App Intent

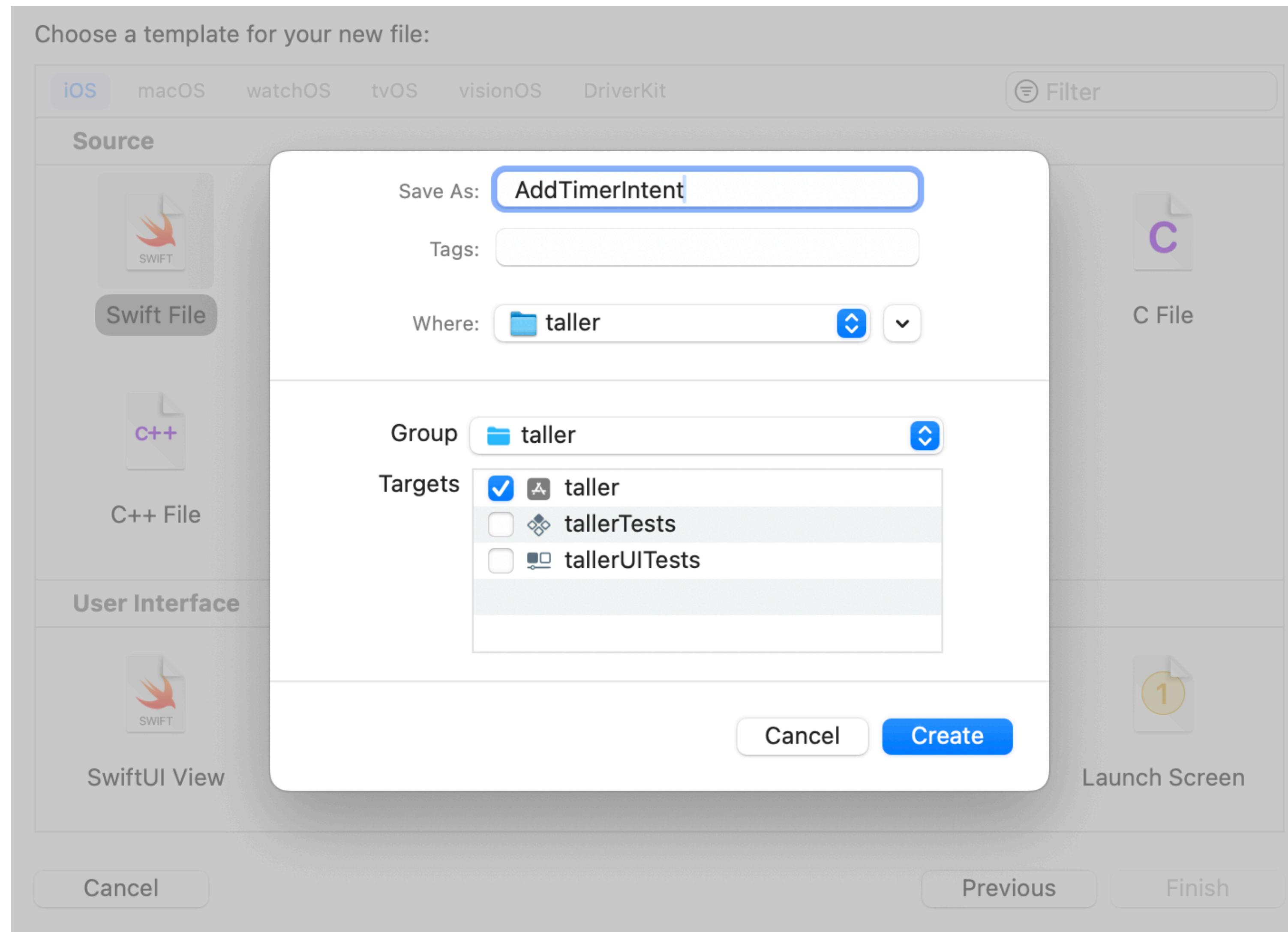
# Estructura de un App Intent

1. Struct que conforma a protocolo AppIntent
2. Parámetros (opcional)
3. Perform method

# Ejemplo estructura

```
struct OpenCurrentlyReading: AppIntent {  
    static var title: LocalizedStringResource = "Open Currently Reading"  
  
    @MainActor  
    func perform() async throws -> some IntentResult {  
        Navigator.shared.openShelf(.currentlyReading)  
        return .result()  
    }  
  
    static var openAppWhenRun: Bool = true  
}
```

# AddTimerIntent



# AddTimerIntent

```
import AppIntents

struct AddTimerIntent: AppIntent {
```

● Type 'AddTimerIntent' does not conform to protocol 'AppIntent'

```
}
```

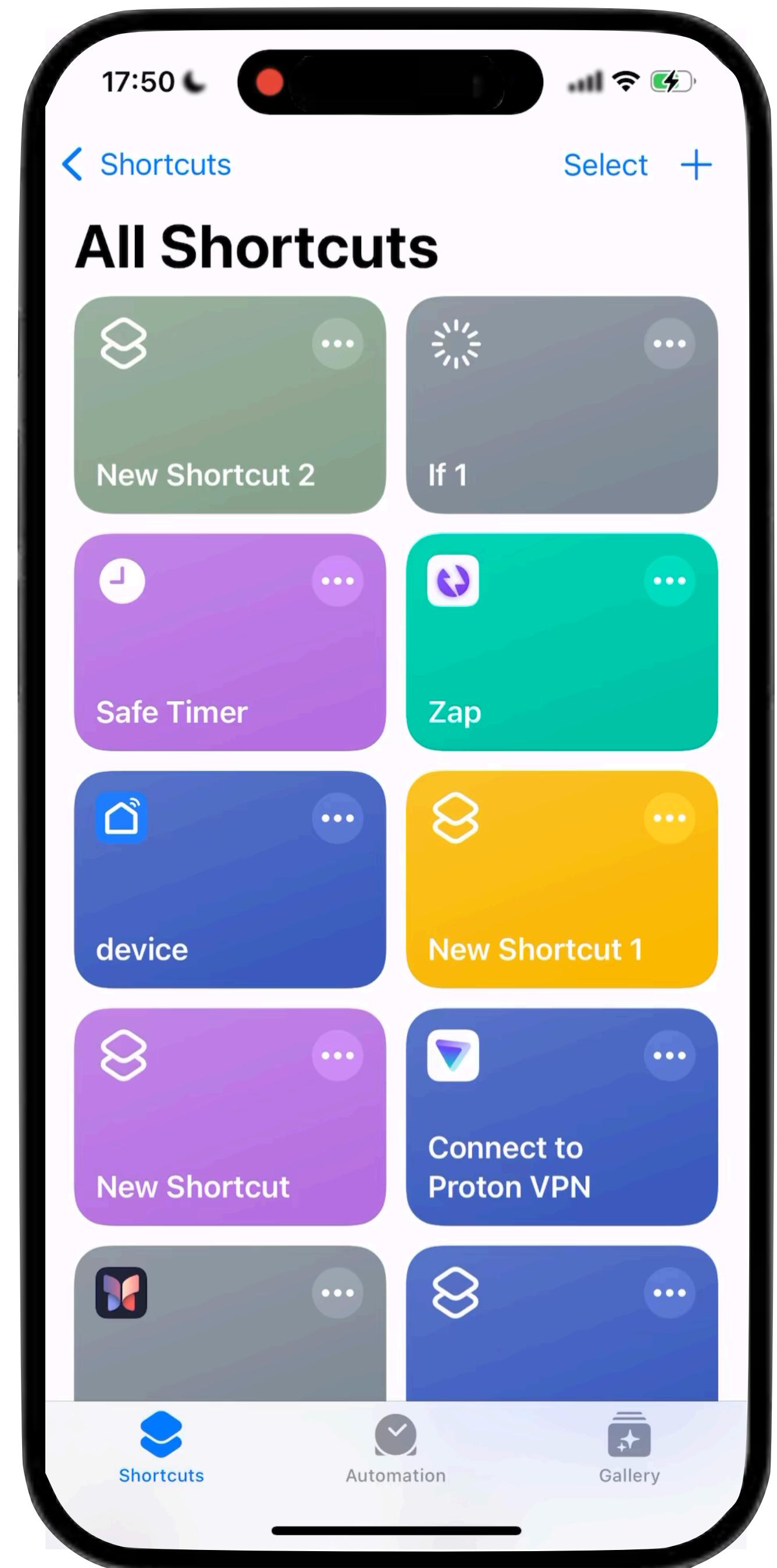
```
struct AddTimerIntent: AppIntent {  
    static var title = LocalizedStringResource("Start a New Timer")  
    @Parameter(  
        title: "Duration",  
        description: "Specify the time")  
    var duration: Int  
}
```

Type 'AddTimerIntent' does not conform to protocol 'AppIntent'

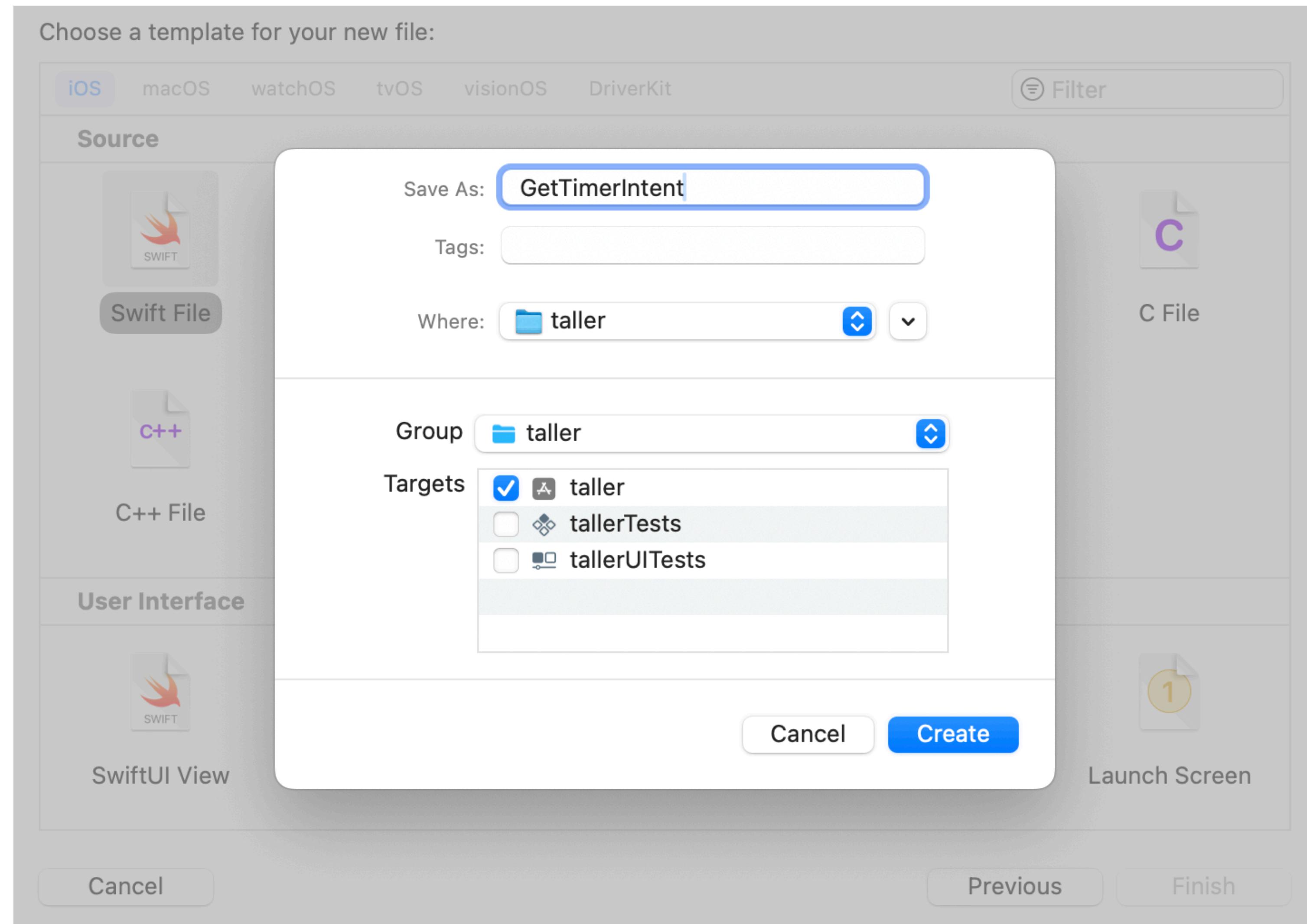
```
struct AddTimerIntent: AppIntent {
    static var title = LocalizedStringResource("Start a New Timer")
    @Parameter(
        title: "Duration",
        description: "Specify the time")
    var duration: Int

    func perform() async throws -> some IntentResult {
        if duration > TimerViewModel.shared.getTimer() {
            TimerViewModel.shared.addTimer(seconds: duration)
        }

        return .result()
    }
}
```



# GetTimerIntent



```
import AppIntents

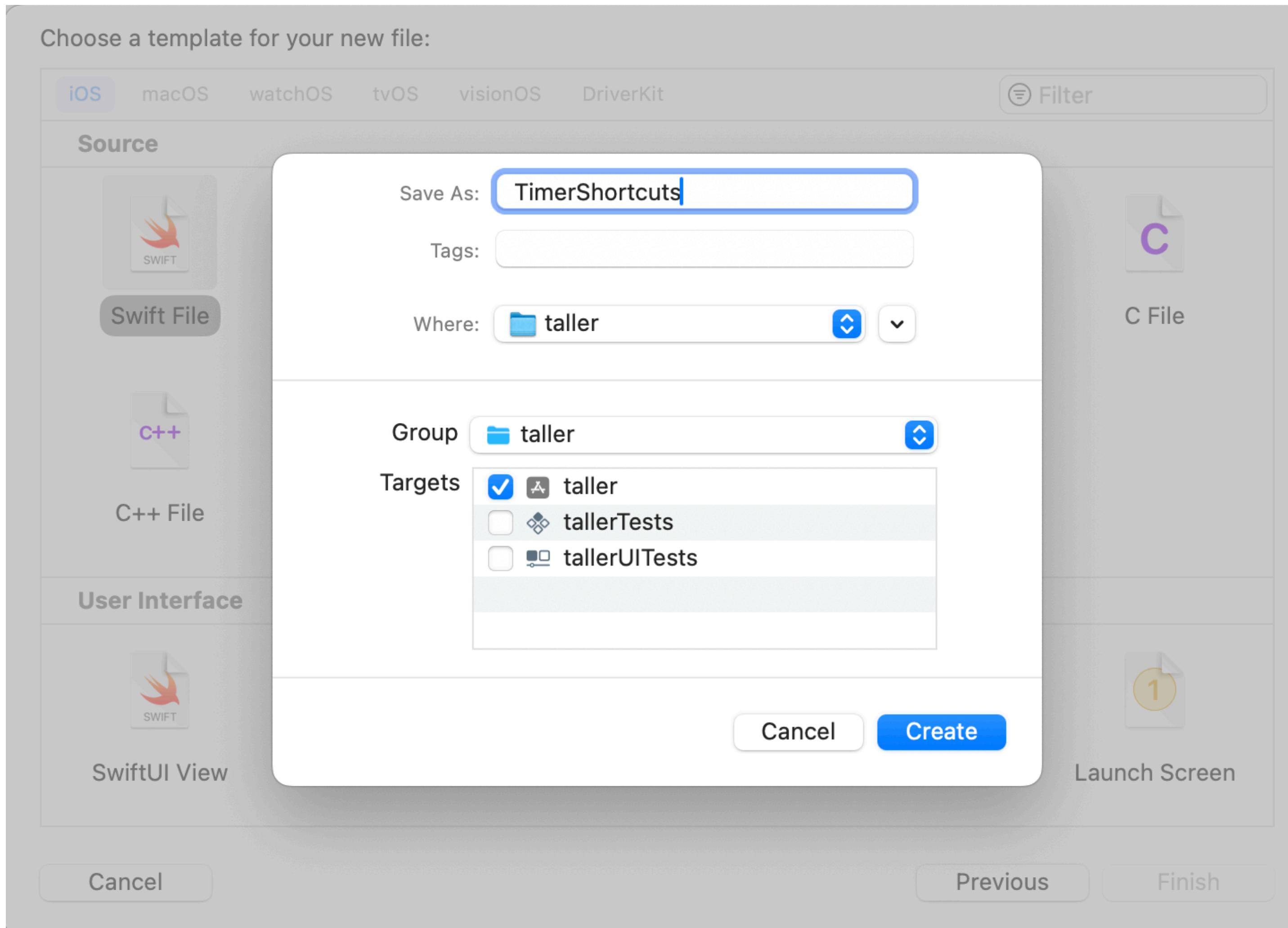
struct GetTimerIntent: AppIntent {

    static var title: LocalizedStringResource = "Get remaining timer"

    func perform() async throws -> some IntentResult & ReturnsValue<Int> {
        let remainingSeconds = TimerViewModel.shared.getTimer()

        return .result(value: remainingSeconds)
    }
}
```

# Siri



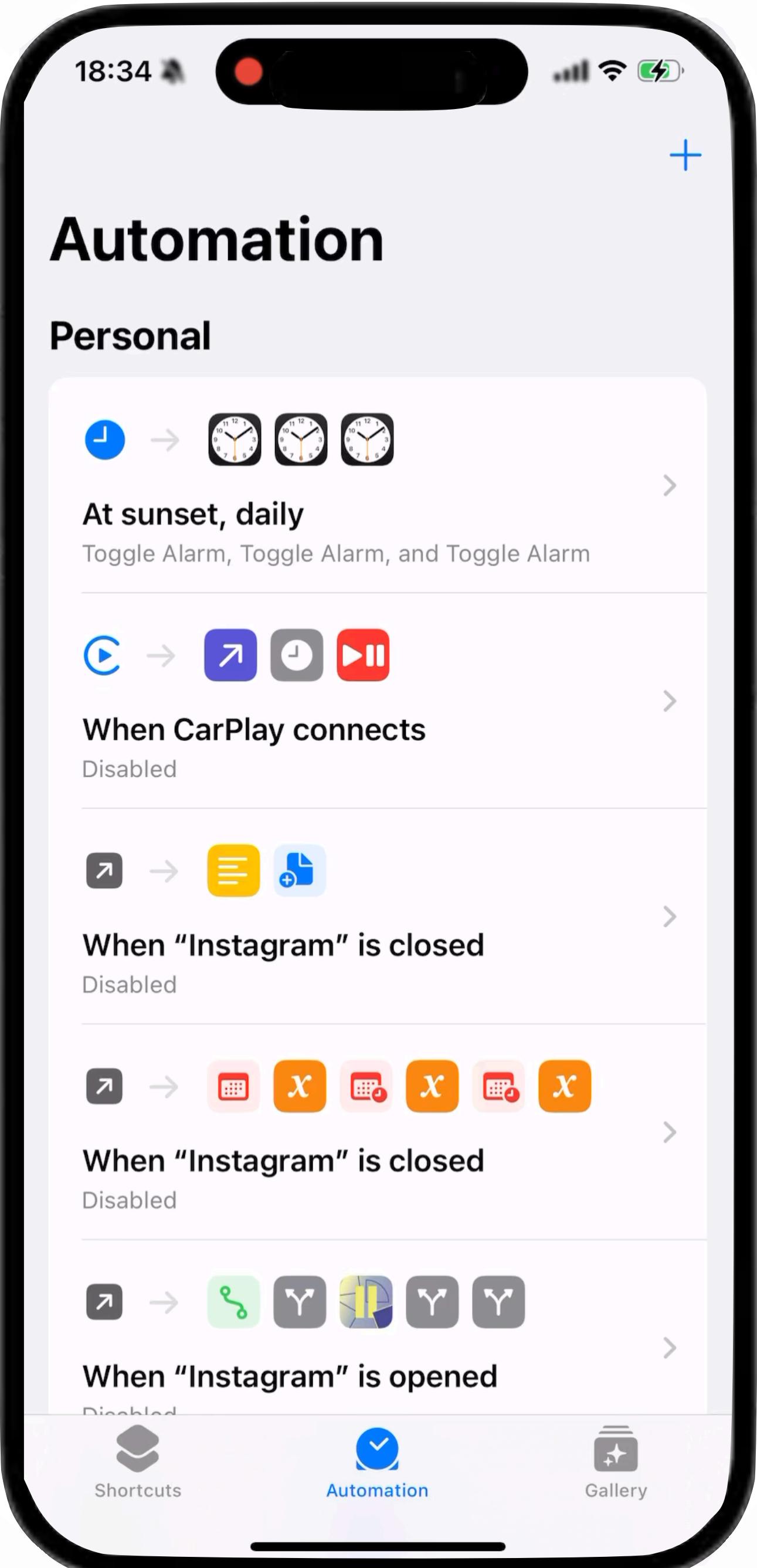
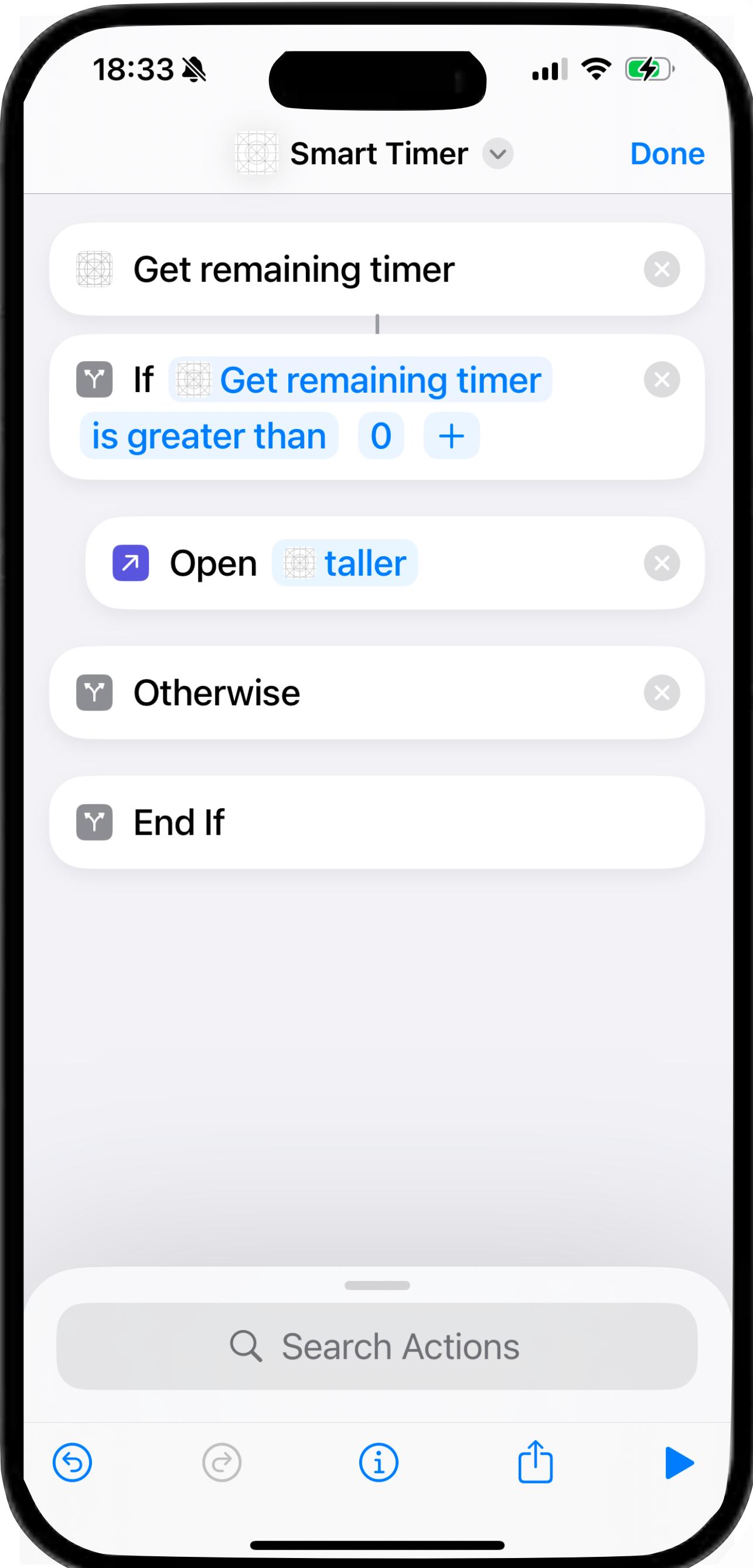
# Siri

```
import Foundation
import AppIntents

struct TimerShortcuts: AppShortcutsProvider {
    static var appShortcuts: [AppShortcut] {
        return [
            AppShortcut(intent: AddTimerIntent(),
                        phrases: ["Start a block session in \(.applicationName)"],
                        shortTitle: "Start Timer",
                        systemImageName: "timer")
        ]
    }
}
```

# Shortcuts

# Automation



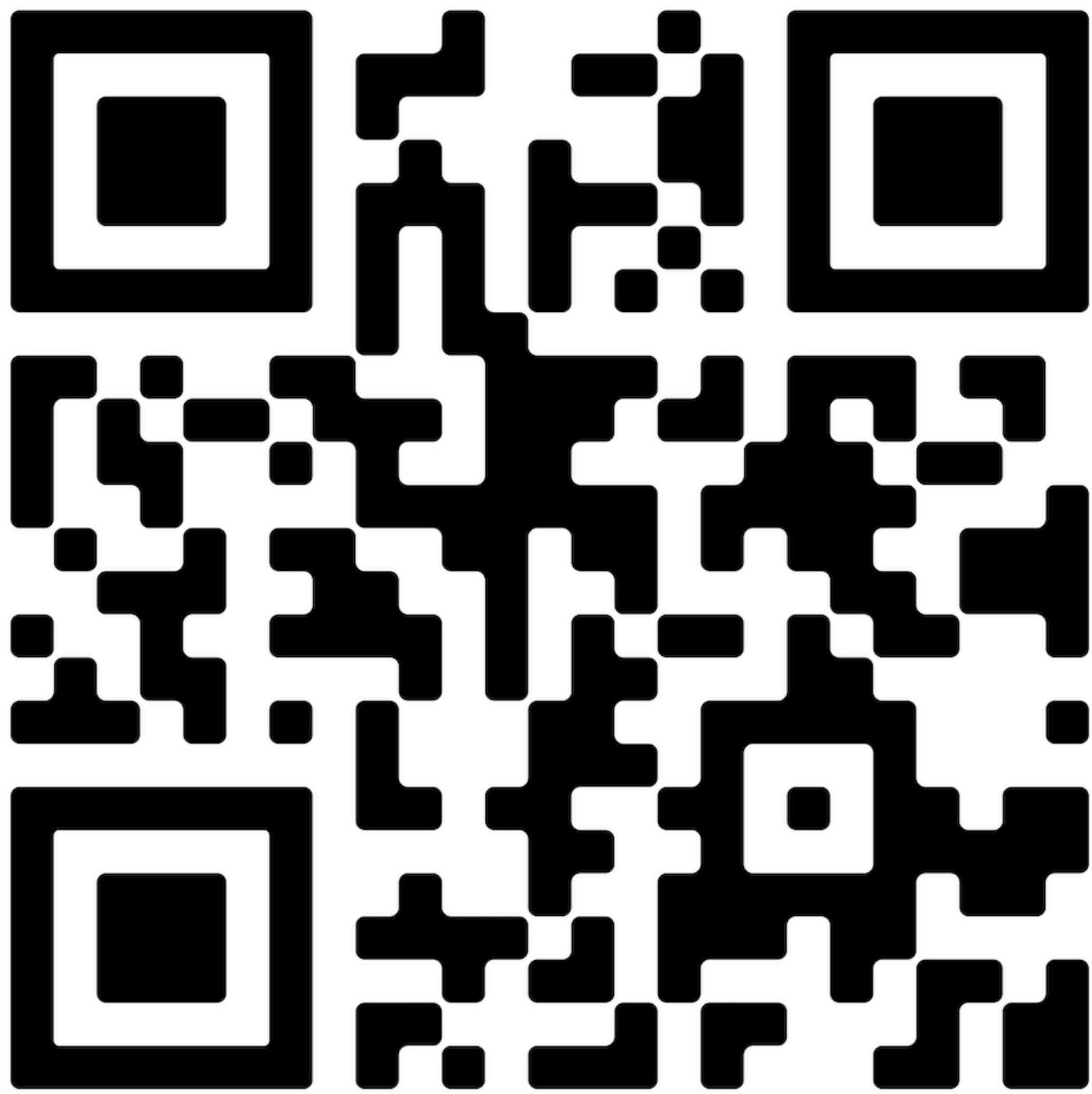
# Cómo diseñar un buen app shortcut?

- Título y frases directas de App Shortcut
- Tomar en cuenta todas las frases alternativas que el usuario podría decirle a Siri
- Saber cuándo y cómo usar un parámetro dinámico
- Separar archivos de AppIntents y AppShortcuts para mejor organización
- Todas las trigger phrases tienen que contener el nombre de la app o sinónimo

# Limitaciones de App Shortcuts

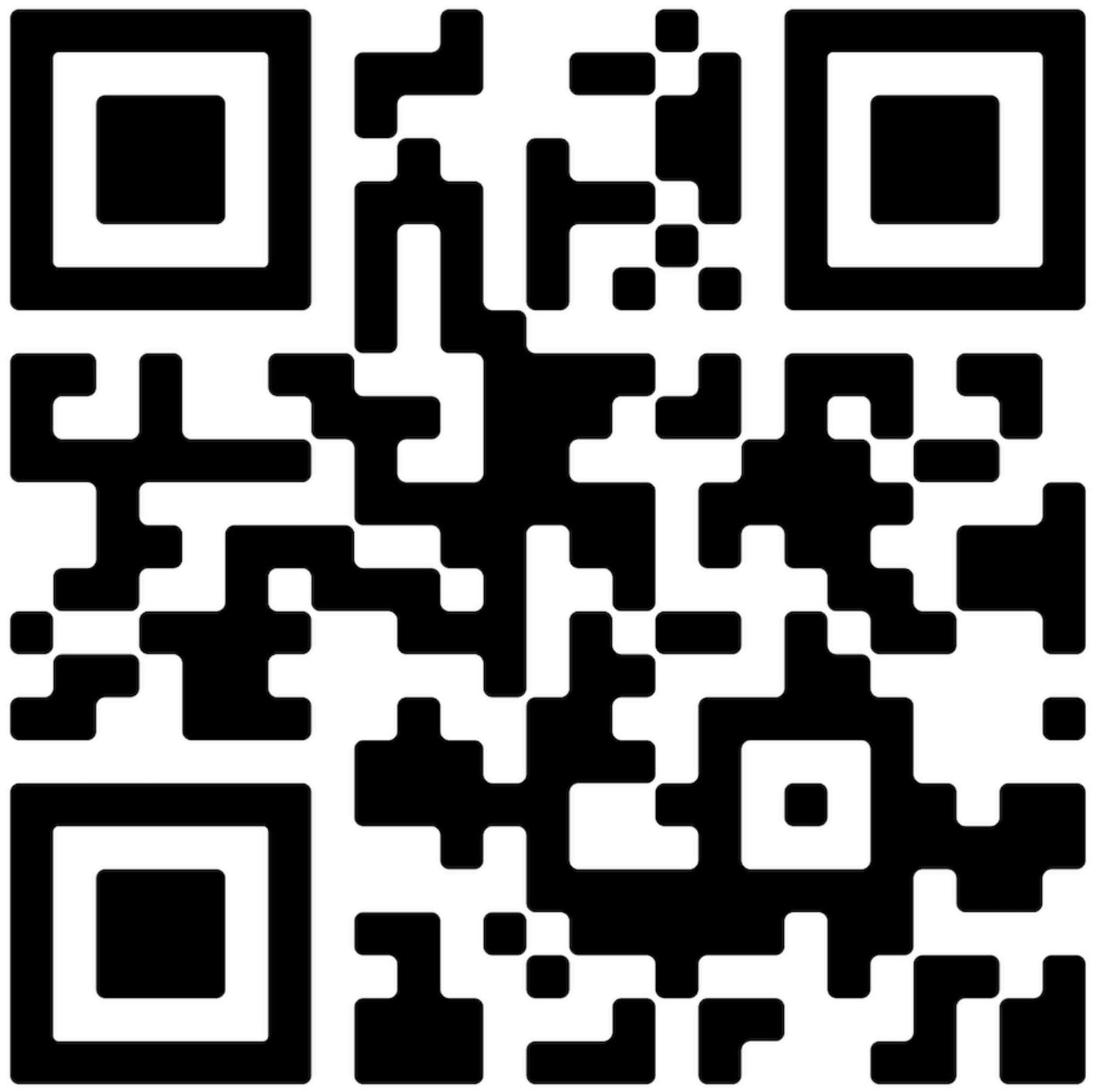
- Solo se puede tener un máximo de 10 app shortcuts
- 1,000 trigger phrases como máximo
- Trigger phrases tienen que contener el nombre de la app o sinónimo

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