StoreKit / SKOverlay

Class

SKOverlay

A class that displays an overlay you can use to recommend another app or an App Clip's corresponding full app.

iOS 14.0+ | iPadOS 14.0+ | Mac Catalyst 14.0+ | visionOS 1.0+

```
class SKOverlay
```

Mentioned in

📄 Receiving ad attributions and postbacks

📄 Signing and providing ads

Overview

By displaying an overlay, you can recommend another app to users and enable them to download it immediately. To recommend media that's not an app, or to display a product page within your app, use SKStoreProductViewController.

> **Important**
>
> If you display an overlay in your App Clip, you may only recommend the App Clip's corresponding full app and need to initialize the overlay with an SKOverlay.AppClip Configuration object. For more information, see Recommending your app to App Clip users.

If you're using SwiftUI, make use of the appStoreOverlay(isPresented:configuration:) modifier. For example usage, see Fruta: Building a feature-rich app with SwiftUI.

To display an App Store overlay in an app that uses UIKit:

1. Create an `SKOverlay.AppConfiguration` with the iTunes identifier of the app you want to recommend.

2. Initialize `SKOverlay` with the configuration object.

3. Present the overlay.

The following code displays an overlay at the bottom of the visible scene:

```swift
func displayOverlay() {
    guard let scene = view.window?.windowScene else { return }

    let config = SKOverlay.AppConfiguration(appIdentifier: "The iTunes identifier of
    let overlay = SKOverlay(configuration: config)
    overlay.present(in: scene)
}
```

To respond to the overlay's appearance, dismissal, or failure to load, set the `delegate` and implement the methods defined in `SKOverlayDelegate`.

> **Note**
>
> App extensions can't display an overlay.

Topics

Creating an overlay

`init(configuration: SKOverlay.Configuration)`

Creates an overlay you use to recommend another app on the App Store.

`var configuration: SKOverlay.Configuration`

An overlay's attributes; for example, its position on the screen.

`class AppConfiguration`

An object that represents the attributes of an overlay you use to recommend another app on the App Store.

`class AppClipConfiguration`

An object that represents the attributes of an overlay you use to recommend an App Clip's corresponding full app.

`class` `Configuration`

The abstract superclass for all classes that represent an overlay's attributes.

Presenting an overlay

`func` `present(in: UIWindowScene)`

Presents an overlay in a window scene.

Dismissing an overlay

`class func` `dismiss(in: UIWindowScene)`

Dismisses an App Store overlay.

Setting a delegate

`var` `delegate: (any SKOverlayDelegate)?`

The overlay's delegate.

`protocol` SKOverlayDelegate

Methods for responding to the overlay's appearance, dismissal, or failure to load.

Relationships

Inherits From

NSObject

Conforms To

CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable

`NSObjectProtocol`

See Also

Recommendations

`{}` Offering media for sale in your app

Allow users to purchase media in the App Store from within your app.

`class SKStoreProductViewController`

A view controller that provides a page where customers can purchase media from the App Store.