StoreKit / SKStoreProductViewController

Class

SKStoreProductViewController

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

iOS 6.0+ | iPadOS 6.0+ | Mac Catalyst 13.0+ | macOS 11.0+

```
@MainActor
class SKStoreProductViewController
```

Mentioned in

📄 Receiving ad attributions and postbacks

📄 Signing and providing ads

Overview

To display a store for customers to purchase media from the App Store, follow these steps:

1. Create an SKStoreProductViewController object and set its <u>delegate</u>.

2. Indicate a specific product to sell by passing its iTunes item identifier to the <u>load Product(withParameters:completionBlock:)</u> method.

3. Present the view controller modally from another view controller in your app. Your delegate dismisses the view controller when the customer completes the purchase.

Present the SKStoreProductViewController object immediately when someone triggers an interaction, such as tapping a Buy button. Load the product information before presenting the view controller to ensure a seamless user experience.

This class ignores `modalPresentationStyle` settings, and those settings have no impact on the sheet's presentation.

To recommend another app without displaying a full product page, and to recommend an App Clip's corresponding app from within the App Clip, use `SKOverlay`.

> **Note**
>
> In a compatible iPad or iPhone app running in visionOS, this method displays a minimal sheet to enable an app purchase or to launch the App Store for more information. For an in-line experience that's consistent across platforms, use `SKOverlay` instead.

Prevent exceptions

The `SKStoreProductViewController` class doesn't support subclassing or embedding, and must be used as-is.

> **Important**
>
> If you compile with the iOS 13 SDK, attempting to instantiate a subclass of `SKStoreProductViewController` results in a runtime exception.

This class throws the following runtime exceptions:

SKUnsupportedClassException
    Occurs if the app attempts to instantiate a subclass of `SKStoreProductViewController`.

SKUnsupportedPresentationException
    Occurs if the app attempts to use an unsupported presentation mode for `SKStoreProductViewController`, such as embedding it as a subview controller or attempting to use it in a popover.

Topics

Setting a delegate

`var delegate: (any SKStoreProductViewControllerDelegate)?`
    The store view controller's delegate.

`protocol SKStoreProductViewControllerDelegate`

A protocol to call when the customer dismisses the store screen.

Loading a new product screen

`{}` Offering media for sale in your app

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

```
func loadProduct(withParameters: [String : Any], completionBlock: ((
Bool, (any Error)?) -> Void)?)
```

Loads a new product screen to display.

```
func loadProduct(withParameters: [String : Any], impression: SKAd
Impression, completionBlock: ((Bool, (any Error)?) -> Void)?)
```

```
func loadProduct(parameters: [String : Any], impression: AppImpression)
async throws
```

```
func loadProduct(parameters: [String : Any], impression: AppImpression,
reengagementURL: URL) async throws
```

`☰` Product Dictionary Keys

Keys for identifying products and the tokens for affiliates and campaigns.

Relationships

Inherits From

`NSViewController`, `UIViewController`

Conforms To

```
CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSCoding
NSEditor
NSExtensionRequestHandling
NSObjectProtocol
```

NSSeguePerforming
NSStandardKeyBindingResponding
NSTouchBarProvider
NSUserActivityRestoring
NSUserInterfaceItemIdentification
Sendable
SendableMetatype
UIActivityItemsConfigurationProviding
UIAppearanceContainer
UIContentContainer
UIFocusEnvironment
UIPasteConfigurationSupporting
UIResponderStandardEditActions
UIStateRestoring
UITraitChangeObservable
UITraitEnvironment
UIUserActivityRestoring

See Also

Recommendations

{}   Offering media for sale in your app

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

class SKOverlay

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