wexer

iOS - Swift/ObjectiveC Content SDK Integration Guide

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Guide Version	1.2

Wexer provides iOS SDK that enables developers to show On Demand content in the app in the form of different types of collections, list of classes, filter/search content, and play the videos.

This guide will show you how to install the WexerContent SDK.

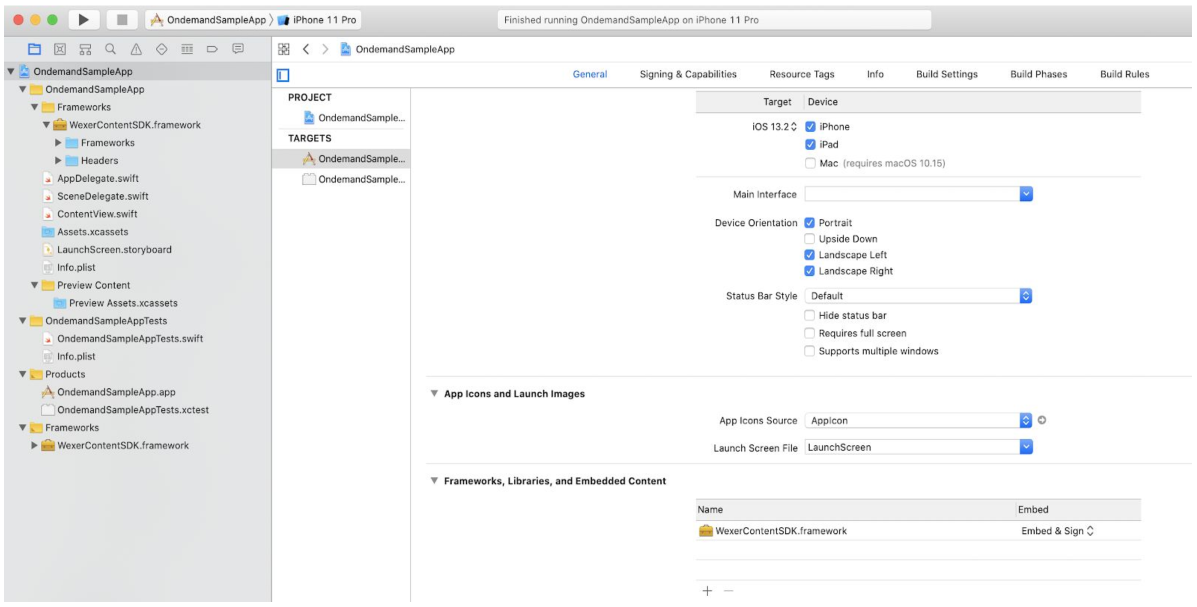
Step 1: Install SDK

Prerequisites:

- Xcode 9.0 or higher with at least iOS SDK 11.0 or higher
- Grab the following details to configure SDK
    1. API BaseURL
    2. Client Secret
    3. API Key
    4. TenantId
    5. LocalyticsKey

Option 1: Manually

1. Unzip shared WexerContent SDK folder.
2. Drag the **WexerContentSDK.framework** inside your project under the main project file.
3. Embed the framework. Select your app.xcodeproj file. Under "**General**", add the WexerContentSDK framework as an **embedded binary**.
4. Expand WexerContentSDK.framework. Drag & embed **Localytics.framework** as an embedded binary.



```
▼ OndemandSampleApp
  ▼ OndemandSampleApp
    ▼ Frameworks
      ▼ WexerContentSDK.framework
        ▶ Frameworks
        ▶ Headers
      AppDelegate.swift
      SceneDelegate.swift
      ContentView.swift
      Assets.xcassets
      LaunchScreen.storyboard
      Info.plist
    ▼ Preview Content
        Preview Assets.xcassets
  ▼ OndemandSampleAppTests
      OndemandSampleAppTests.swift
      Info.plist
  ▼ Products
      OndemandSampleApp.app
      OndemandSampleAppTests.xctest
  ▼ Frameworks
    ▶ WexerContentSDK.framework
```

Target	Device
iOS 13.2	✓ iPhone
	✓ iPad
	☐ Mac (requires macOS 10.15)

Main Interface:

Device Orientation: ✓ Portrait, ☐ Upside Down, ✓ Landscape Left, ✓ Landscape Right

Status Bar Style: Default

☐ Hide status bar
☐ Requires full screen
☐ Supports multiple windows

App Icons Source: AppIcon

Launch Screen File: LaunchScreen

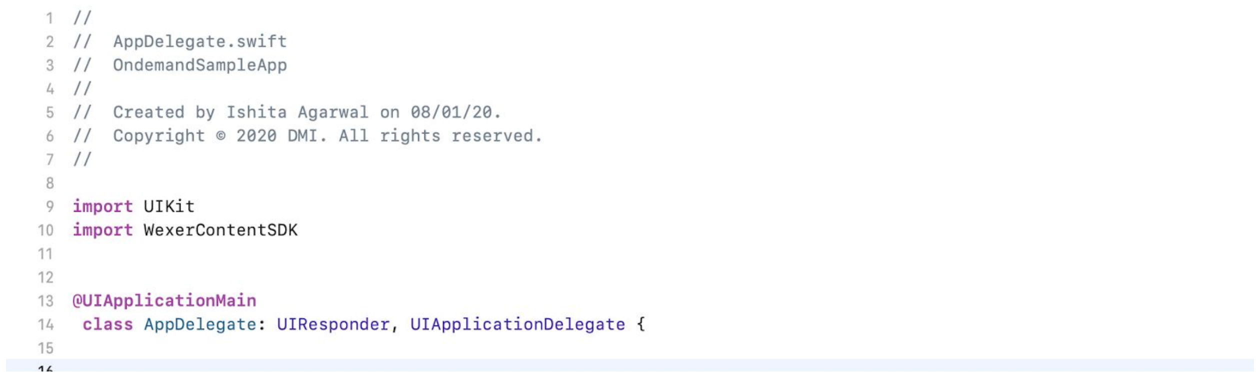
Name	Embed
WexerContentSDK.framework	Embed & Sign

Option 2: CocoaPods

Details will be available once we will publish the framework on CocoaPods.

Step 2: Initialize WexerContentSDK

1. Import WexerContentSDK in AppDelegate.



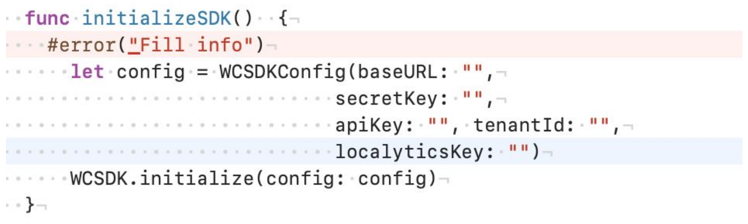
```swift
//
//  AppDelegate.swift
//  OndemandSampleApp
//
//  Created by Ishita Agarwal on 08/01/20.
//  Copyright © 2020 DMI. All rights reserved.
//

import UIKit
import WexerContentSDK


@UIApplicationMain
 class AppDelegate: UIResponder, UIApplicationDelegate {

```

2. Initialize configuration object for SDK in AppDelegate with shared API baseURL,client,secretKey,tenantId & localyticsKey details. Please contact the Wexer sales team to obtain test keys.



```swift
  func initializeSDK()  {
   #error("Fill info")
      let config = WCSDKConfig(baseURL: "",
                               secretKey: "",
                               apiKey: "", tenantId: "",
                               localyticsKey: "")
      WCSDK.initialize(config: config)
  }
```

Step 3: Call SDK methods

(Class Reference https://wexersdk.firebaseapp.com/Classes/WCSDK.html)

1. On Demand Collections -

```
WCSDK.getOndemandCollections(collectionId: nil,
                             maxResults: nil)
                            { (collections, error) in
                            }
```

2. On Demand Classes - It allows to fetch response with pagination which can be sorted on date/alphabet with “asc”/”dsc”

```
WCSDK.getOndemandClasses(page: 1,
                         pageSize: 10,
                         sort: "date",
                          order: "asc")
                          { (response, error) in
                          }
```

3. On Demand class detail - for single class having tag as “43794”

```
WCSDK.getOndemandClassDetails(for: "43794")
                             { (classobj, response) in
                              }
```

4. Show On Demand classes filter parameters

```
WCSDK.getOndemandMetaData { (response, error) in
                          }
```

5. Search & filter On Demand classes - sorting can be applied on date/alpha

```
var filterObj = WCSDKOndemandFilterRequest()
 filterObj.classLanguage = "en"
 filterObj.query = "yoga"  // provide search text in query parameters
 filterObj.provider = "cycling"
 WCSDK.getOndemandClassesForCriteria(with: filterObj)
                                    { (response, error) in
                                     }
```

6. Perform On Demand content: On Demand class can be performed only when the user has logged in with valid subscription.

   a. Create user session with providing user name which could be any alphanumeric unique value.

```
            WCSDK.startSession(userName: "test1")
                                    { (response, error) in
                                     }
```

   b. Activate subscription

```
let subscriptionObj = WCSDKUserSubscriptionRequest(startDate: Date(),
                                                       subscriptionId:"monthly")
 WCSDK.activateSubscription(subscription: subscriptionObj)
                                    { (response, error) in
                                     }
```

   c. Play On Demand - pass viewcontroller reference on which player shall be presented.

```
WCSDK.performOndemandContent(for: "43794",
            controller: self.window.rootViewController!)
            {(error) in
            }
```

`

   It will work if a user has logged in with a valid subscription.. It will throw an error as NSError having code & userInfo with details .
   Error - 403 - Not Subscribed
   Step 1: Call startSession method for login
   Step 2: call activateSubscription method

   d. Define custom behaviours on play/pause/exit events.

```
WCSDK.shared.playerExitCallBack = { value in
                                     self.playedDuration = value // custom behaviour   }
```