INRIX iOS Mobile SDK v7.0.3

Quick Start Guide

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Register with INRIX

Register your application with INRIX to obtain a valid **Application Key** and **Application ID**. These values identify and validate your application with INRIX's servers and are required to initialize the SDK. Your Technical Account Manager or Sales Engineer is your primary contact for this information.

INRIX SDK Access

Your Technical Account Manager or Sales Engineer will provide the necessary information to access the SDK repository. Please provide your Github IDs to your INRIX sales contact. The SDK is available from GitHub as a standard Apple Framework. The Framework can be included directly in your project, but CocoaPods is the preferred method. SDK v7.0.3 is available on GitHub at https://github.com/INRIX/iOS-MobileSDK/ .

INRIX SDK Integration

Xcode and Command Line Developer Tools

The INRIX iOS SDK supports Xcode and Command Line Tools versions greater than 7.0, but the latest release is recommended. Apple provides downloads of the latest developer tools at https://developer.apple.com/devcenter/ios/index.action.

CocoaPods

CocoaPods manages external library dependencies with a minimum of developer effort. It is the preferred dependency manager for integrating the SDK. The SDK can be integrated into your project by adding "pod 'INRIX-iOS-ClientLibrary'" to your podfile.

For a full tutorial on CocoaPods, visit http://cocoapods.org/.

The SDK's CocoaPods library listing is at:
https://cocoapods.org/pods/INRIX-iOS-ClientLibrary

Initializing the SDK

The INRIX SDK is provided as a framework named **IXClientLibrary.framework**. The framework should be initialized at application launch. Once initialized, the SDK will collect and send data in the background, requiring no additional interaction from the host application.

Minimum iOS Version

The IXClientLibrary supports iOS 8.0 and above.

Creating the Core

To get started with the iOS INRIX Client Library, create an `IXCLCoreOptions` object. The `IXCLCoreOptions` object requires the `AppID` and `AppKey` obtained from INRIX, as well as an application name and version string of your choosing. The application name and version are used for logging and error reporting. They do not affect SDK behavior.

The `IXCLCoreOptions` instance returned from the `[initWithApplicationId:applicationKey:applicationName:applicationVersion]` initializer will be properly configured to initialize the SDK in Integration-Only mode. It should not be modified before passing it to the core initializer.

```
IXCLCoreOptions * options = [[IXCLCoreOptions alloc]
                initWithApplicationId: inrixProvidedAppId
                       applicationKey: inrixProvidedAppKey
                      applicationName: yourApplicationName
                   applicationVersion: yourApplicationVersion];

self.inrixCore = [[IXCLCore alloc] initWithOptions: options];
```

Listing 1: Creating an IXCLCoreOptions object and passing it to the core initializer.

The host application should maintain a strong reference to the `IXCLCore` instance throughout the application lifetime to prevent the core from being deallocated.

Additional Help

Please contact your INRIX Technical Account Manager or Sales Engineer to set up Service Desk support for your project.

Changelog

Change Date	Change Description
10/24/17	Updated with new Cocoapods integration information
4/27/17	Initial release of SDK 7.0