GETTING STARTED

Foxit PDF SDK

For iOS

Microsoft® Partner

Gold Independent Software Vendor (ISV)

About Foxit PDF SDK for iOS

Foxit PDF SDK for iOS is a Rapid Development Kit for iOS platform which focuses on helping developers easily integrate powerful Foxit PDF technology into their own apps. With this SDK, even developers with a limited knowledge of PDF can quickly build a PDF viewer with just a few lines of code.

Feature Spotlight

- Easy-to-use PDF Viewer Control
- Customizable User Interface with Source Code
- Annotation and Attachment Tools
- Indexed Full-Text Searching
- Digital and Handwritten Signature Tools
- Support Optional Content Groups (Layers)
- PDF Form Filling and Flattening
- Support Static and Dynamic XFA
- Reflow/Crop PDF pages for better reading
- Pan and Zoom PDFs
- Protect PDFs by Certificate or Password
- Support Microsoft Rights Management (RMS)
- Built on Foxit Technology used by billions of end-users
- Excellent Memory Management and Robust Performance

Requirements

- iOS 9.0 or higher
- Xcode 9.0 or newer

iOS package structure

The package of Foxit PDF SDK for iOS includes the following files:

- **docs**: A folder containing API references, developer guide, upgrade warnings.
- **libs:** A folder containing license files, SDK frameworks, UI Extensions Component source code.
- **samples:** A folder containing iOS sample projects.
- **getting_started_ios.pdf:** This file.
- **legal.txt:** Legal and copyright information.
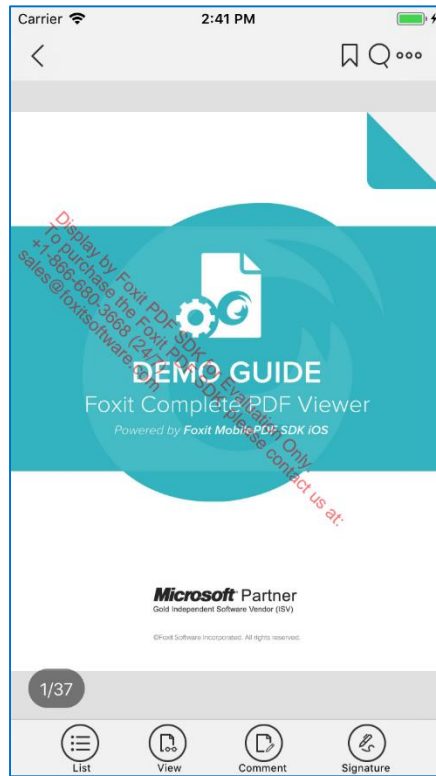- **release_notes.txt:** Release information.

Running a demo in Xcode

Foxit PDF SDK for iOS provides three demos in both Objective-C and Swift for developers to learn how to call the SDK on iOS. You can find them in the "samples" or "samples/swift" folder. In this guide, it takes the "complete_pdf_viewer" demo as an example to show how to run it in Xcode.

- Double-click the **complete_pdf_viewer.xcodeproj** found in the "samples/complete_pdf_viewer" folder to open the demo in Xcode.

  *Note: There is another way to open the demo in Xocde: double-click the **samples_xcworkspace** found in the "samples" folder. It is a workspace including the three demos.*

- Click on "Product -> Run" to run the demo on an iOS device or simulator. In this guide, an iPhone 8 device will be used as an example. After building the demo successfully, on the start screen, click the "complete_pdf_viewer_guide_ios.pdf" document, and then it will be opened and displayed as the following:

The demo shows how to build a completely full-featured PDF viewer on the iOS platform with Foxit PDF SDK.

Integrating Foxit PDF SDK for iOS into your apps

There are two ways to integrate Foxit PDF SDK for iOS into your apps. You can choose what works best for you based on your requirements.

✓ If you just want to use the default built-in UI implementations to develop your apps, for simplicity and convenience, you only need to include the following files:

  ▪ *FoxitRDK.framework* - The framework that includes the Foxit PDF SDK for iOS dynamic library and associated header files.

  ▪ *uiextensionsDynamic.framework* – The framework that includes UIExtensions dynamic library, associated header files, and the resource files that are needed for the default built-in UI implementations.

✓ If you do not want to use the ready-made UI framework, you can include the following files to redesign your app UI through modifying the source code of the UI Extensions Component:

- ***FoxitRDK.framework*** - The framework that includes the Foxit PDF SDK for iOS dynamic library and associated header files.

- ***uiextensions*** *project*- found in the "libs/uiextensions_src" folder. It is an open source library that contains some ready-to-use UI module implementations and the basic UI design for app, which can help developers rapidly embed a fully functional PDF reader into their iOS app. Of course, developers are not forced to use the default UI, they can freely customize and design the UI for their specific apps through the "uiextensions" project.

Please see "***developer_guide_ios.pdf***" document in the "docs" folder for a step-by-step guide to create a new iOS app and integrate Foxit PDF SDK into your apps.

Technical Support

Reporting Problems

Foxit offers 24/7 support for its products and are fully supported by the PDF industry's largest development team of support engineers. If you encounter any technical questions or bug issues when using Foxit PDF SDK for iOS, please submit the problem report to the Foxit support team at http://tickets.foxitsoftware.com/create.php. In order to better help you solve the problem, please provide the following information:

- Contact details
- Foxit PDF SDK product and version
- Your Operating System and IDE version
- Detailed description of the problem
- Any other related information, such as log file or error screenshot

Contact Information

You can contact Foxit directly, please use the contact information as follows:

Foxit Support:

- http://www.foxitsoftware.com/support/

Sales Contact:

- Phone: 1-866-680-3668
- Email: sales@foxitsoftware.com

Support & General Contact:

- Phone: 1-866-MYFOXIT or 1-866-693-6948
- Email: support@foxitsoftware.com