



by David Luco

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How to add a PDF viewer to your app using Swift and PDFKit

In this article we describe how to add a PDF viewer to your iOS app using S with [PDFKit](#), Apple's builtin PDF SDK introduced in iOS 11.

The PDFKit framework has been available in AppKit since macOS 10.4 but private framework on iOS used in the iBooks and Mail apps. However, the [Core Graphics](#) framework for iOS provides basic PDF handling without any UI. U

the Core Graphics PDF API directly to create a PDF viewer requires a lot o work, so the introduction of PDFKit for iOS saves a large amount of time.

Step 1 - Import the module

In your Swift iOS project where you want to display a PDF, usually in a `UIViewController` subclass, import the `PDFKit` module at the top of the Swift file:

```
import PDFKit
```

This will make the PDFKit framework available for use in the Swift file.

Step 2 - Implement the viewer

To display a PDF document, a `PDFView` is created and added to the view controller's view hierarchy. In the following sample, the `UIViewController.viewDidLoad()` method is used to set up the `PDFView` and PDF document from the app bundle:

```
override func viewDidLoad() {  
    super.viewDidLoad()  
  
    // ...  
  
    // Add PDFView to view controller.  
    let pdfView = PDFView(frame: self.view.bounds)  
    pdfView.autoresizingMask = [.flexibleWidth, .flexibleHeight]  
  
    self.view.addSubview(pdfView)
```