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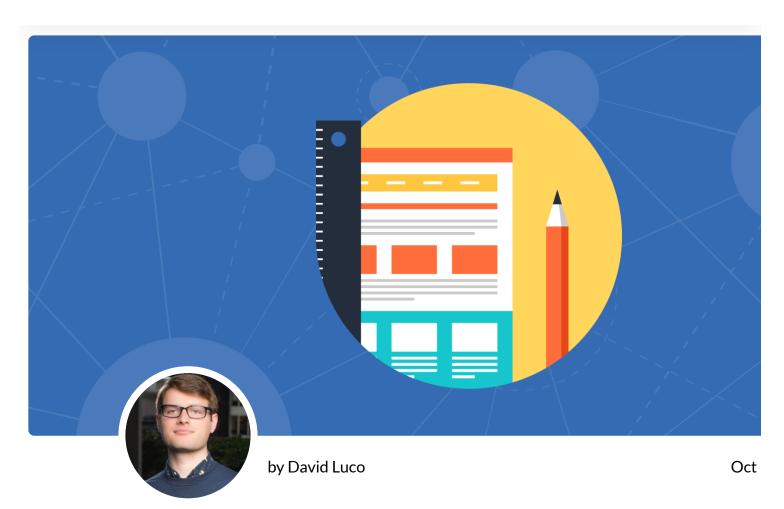
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## How to add a PDF viewer to your app using Swift and PDFKit

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 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.



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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 Swi

```
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)
```