

Mobile Apps Development for Journalists

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Agenda

- Playing Movies
- Opening In-App Web Browser

Playing Movies

- `AVPlayerViewController` instead of Custom View Controller
- `AVPlayerViewController` has an `AVPlayer`
- Can use to display MP4 movies
- Built in controls
- Can find it in XCode, drag it into a storyboard

Import Statements

- We have `import UIKit`
- Other libraries we can import
- `import AVKit`
- `import AVFoundation`

Setting Up AVPlayer

- Takes an NSURL
- Can be local, or can be on web
- If we have an http link to the movie, we need to tell iOS 9 our app is allowed to load it
- NSBundle, mainBundle, URLForResource

Loading a Movie

```
// In a storyboard-based application, you will often want to do a little
preparation before navigation

override func prepareForSegue(segue: UIStoryboardSegue, sender:
AnyObject?) {

    // Get the new view controller using segue.destinationViewController.
    // Pass the selected object to the new view controller.
    if segue.identifier == "PlayVideo" {

        let vc = segue.destinationViewController as!
AVPlayerViewController

        if let movieURL = NSURL(string: "https://s3.amazonaws.com/jeff-
test-movie/IcelandWaterfall.mp4") {

            vc.player = AVPlayer(URL:movieURL)
        }
    }
}
```

Opening Web Content

- `UIWebView`
- `WKWebView`
- `SFSafariViewController`

Using Safari In App

- `import SafariServices`
- Takes an `NSURL`
- Present a view controller

Example Using Safari

```
let webURL = NSURL(string: "http://www.cnn.com/")
let safariViewController = SFSafariViewController(URL: webURL!)
self.presentViewController(safariViewController, animated: true, completion: nil)
```