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What is the @UIApplicationDelegateAdaptor property wrapper?

Paul Hudson @twostraws 19 hours ago

Updated for Xcode 13.2

New in iOS 14

If you need to get access to **AppDelegate** functionality in SwiftUI, you should create a class that inherits from **NSObject** and **UIApplicationDelegate**, and give it any functionality you want, such as this:

```
class AppDelegate: NSObject, UIApplicationDelegate {
    // add app delegate methods here
}
```


For example, if you wanted to implement the old **didFinishLaunchingWithOptions** method, you might use this:

```
class AppDelegate: NSObject, UIApplicationDelegate {
    func application(_ application: UIApplication, didFinishLaunchingWithOptions: [UIApplication.LaunchOptionsKey: Any]?) throws -> Bool {
        print("Your code here")
        return true
    }
}
```

Once you have that, use the **UIApplicationDelegateAdaptor** property wrapper in your main **App** so that SwiftUI knows to create and manage your app delegate class:

```
@main
struct NewIn14App: App {
    @UIApplicationDelegateAdaptor(AppDelegate.self) var appDelegate

    var body: some Scene {
        WindowGroup {
            ContentView()
        }
    }
}
```

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