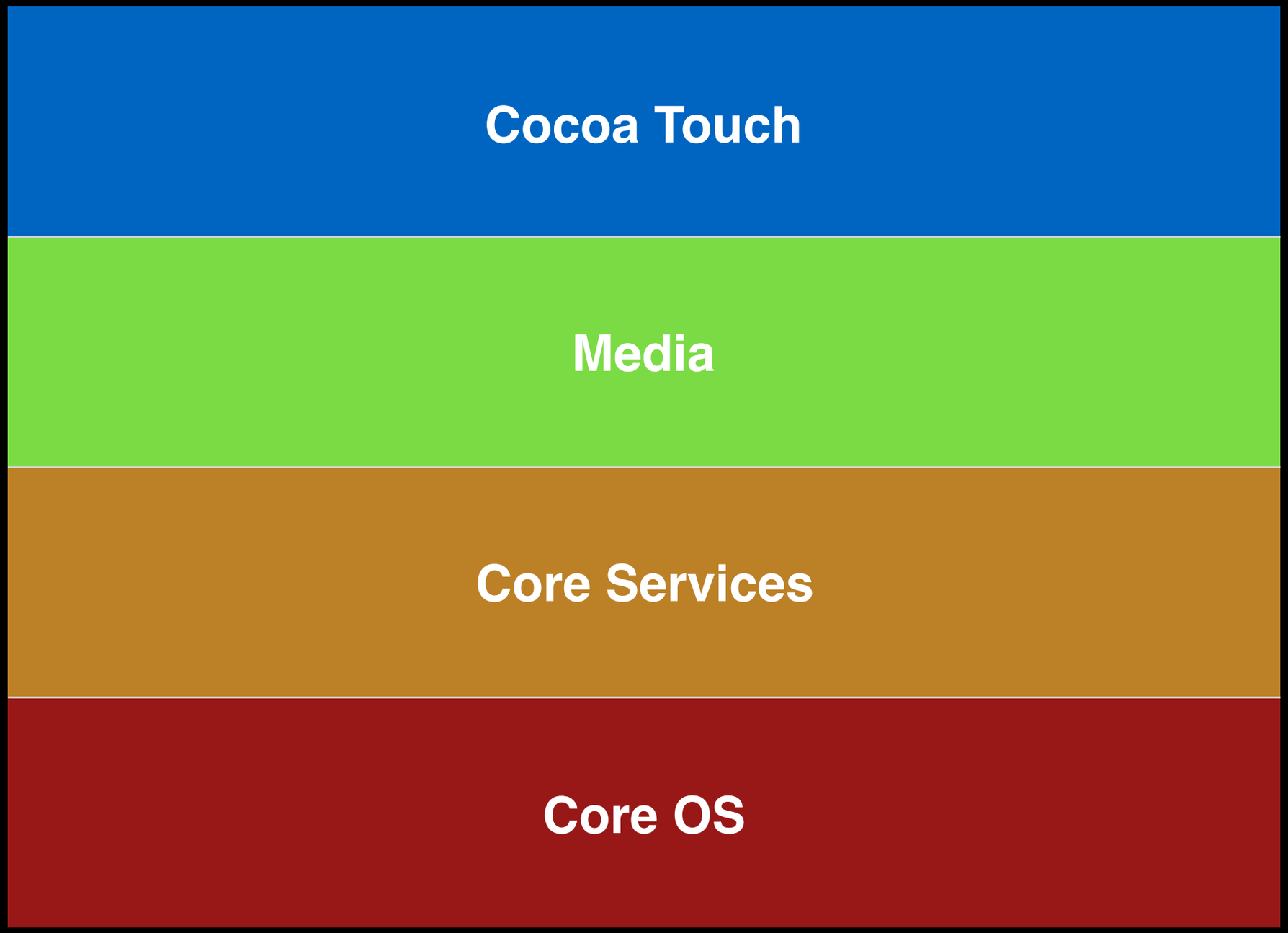
Intro to iOS Workshop

with WillowTree

Important Links

- Xcode - https://developer.apple.com/download/
- Calculator Demo Project - https://github.com/zcompgeek/iOSPennApps2016
- Tutorials - https://www.raywenderlich.com
- Getting Started Docs - *Google* “Start Developing iOS Apps (Swift)”

iOS



Core OS

- OS X Kernel
- Mach
- BSD
- Sockets
- Security
- Power Management
- Keychain Access
- Certificates
- File System
- Bonjour
- CoreBluetooth

Core Services

- iCloud Storage
- Data Protection
- In-App Purchase
- SQLite
- Core Location
- HealthKit
- Social
- Address Book
- EventKit
- Foundation
- …

Media

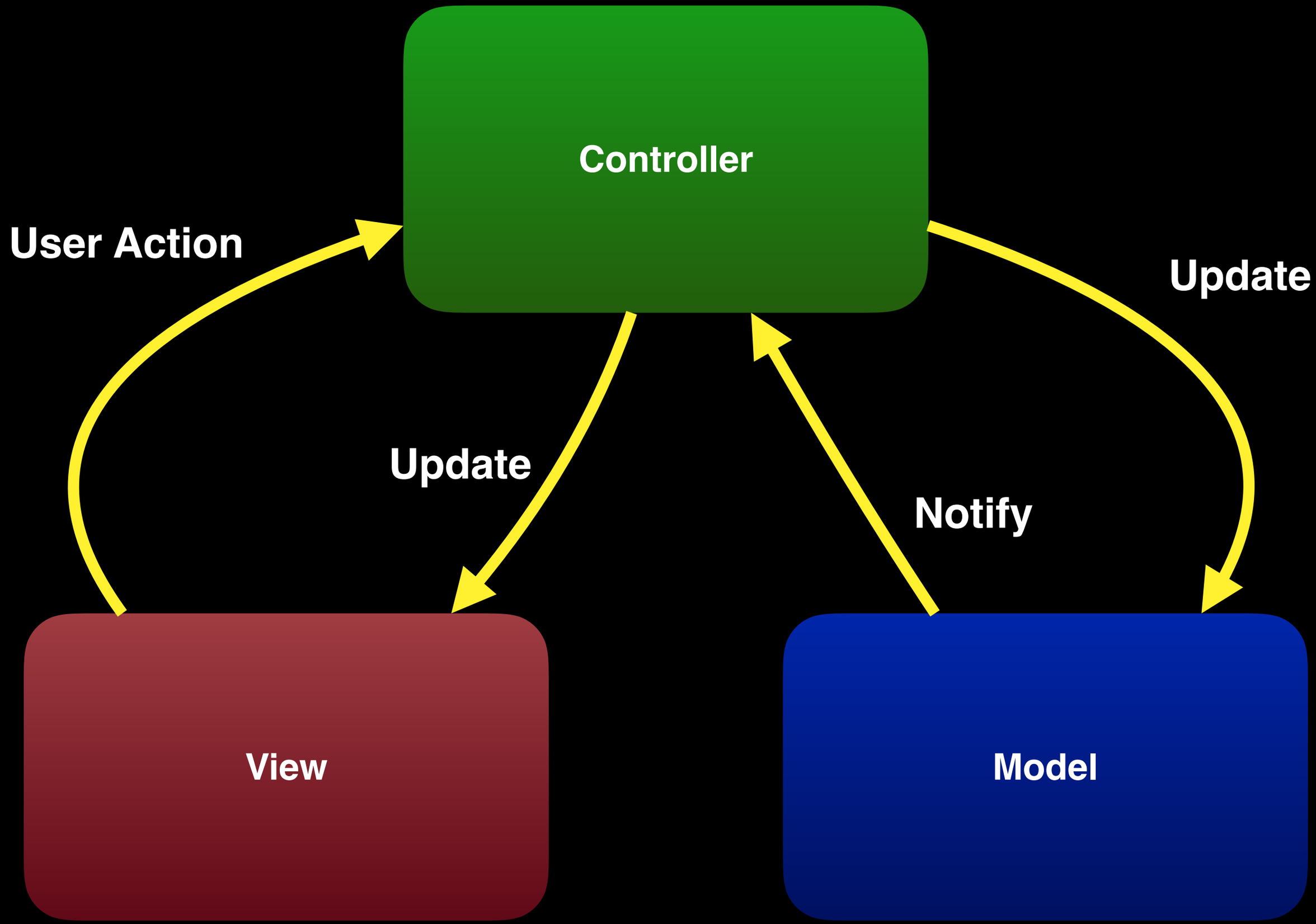
- AV Foundation
- Core Animation
- Photos Library
- Core Audio
- AirPlay
- Game Controller
- OpenGL ES
- SpriteKit
- SceneKit
- Core Text

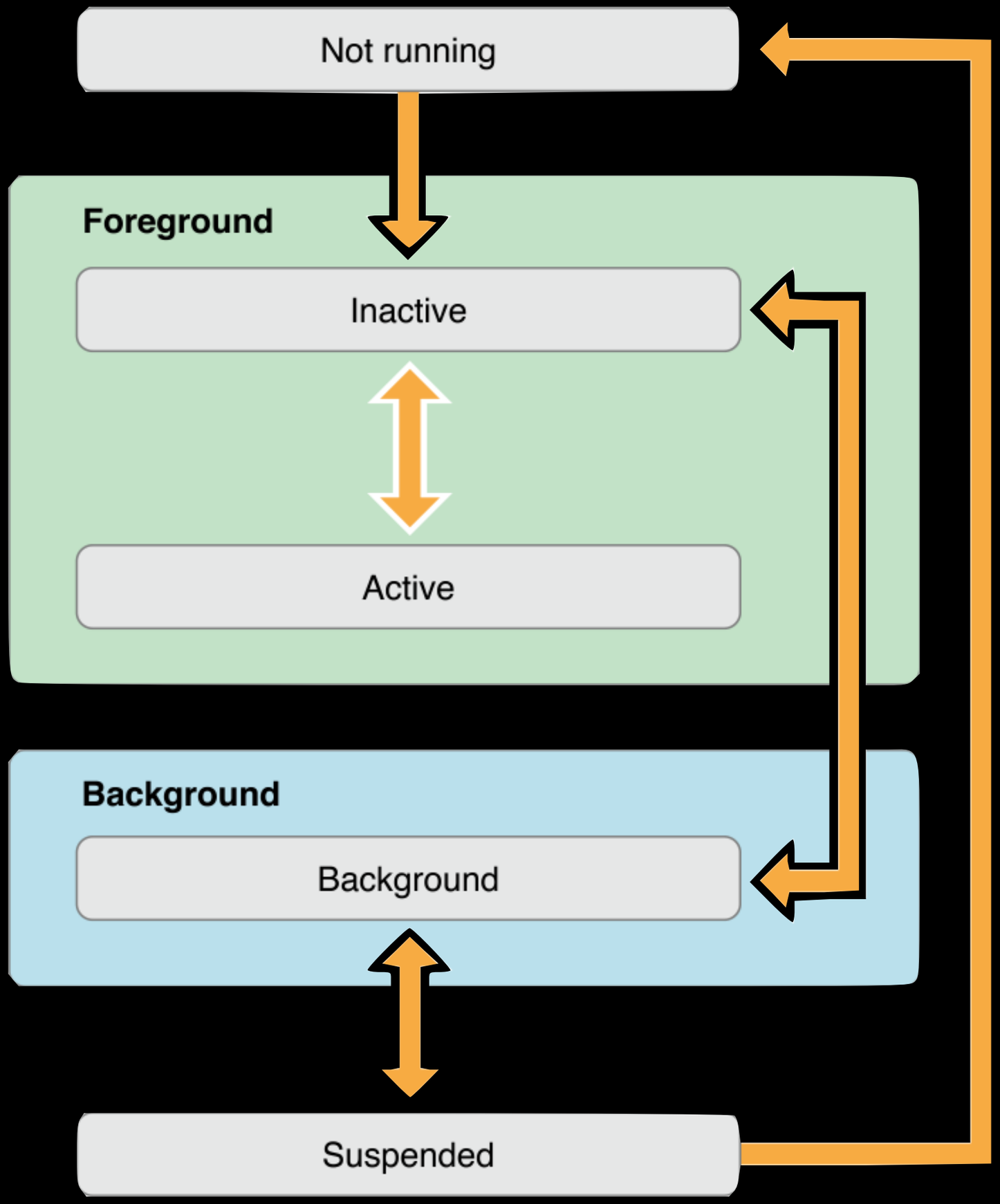
Cocoa Touch

- UIKit
- MapKit
- Address Book UI
- Message UI
- Auto Layout
- Storyboards
- Multitasking
- UIKit Dynamics
- AirDrop
- App Extensions

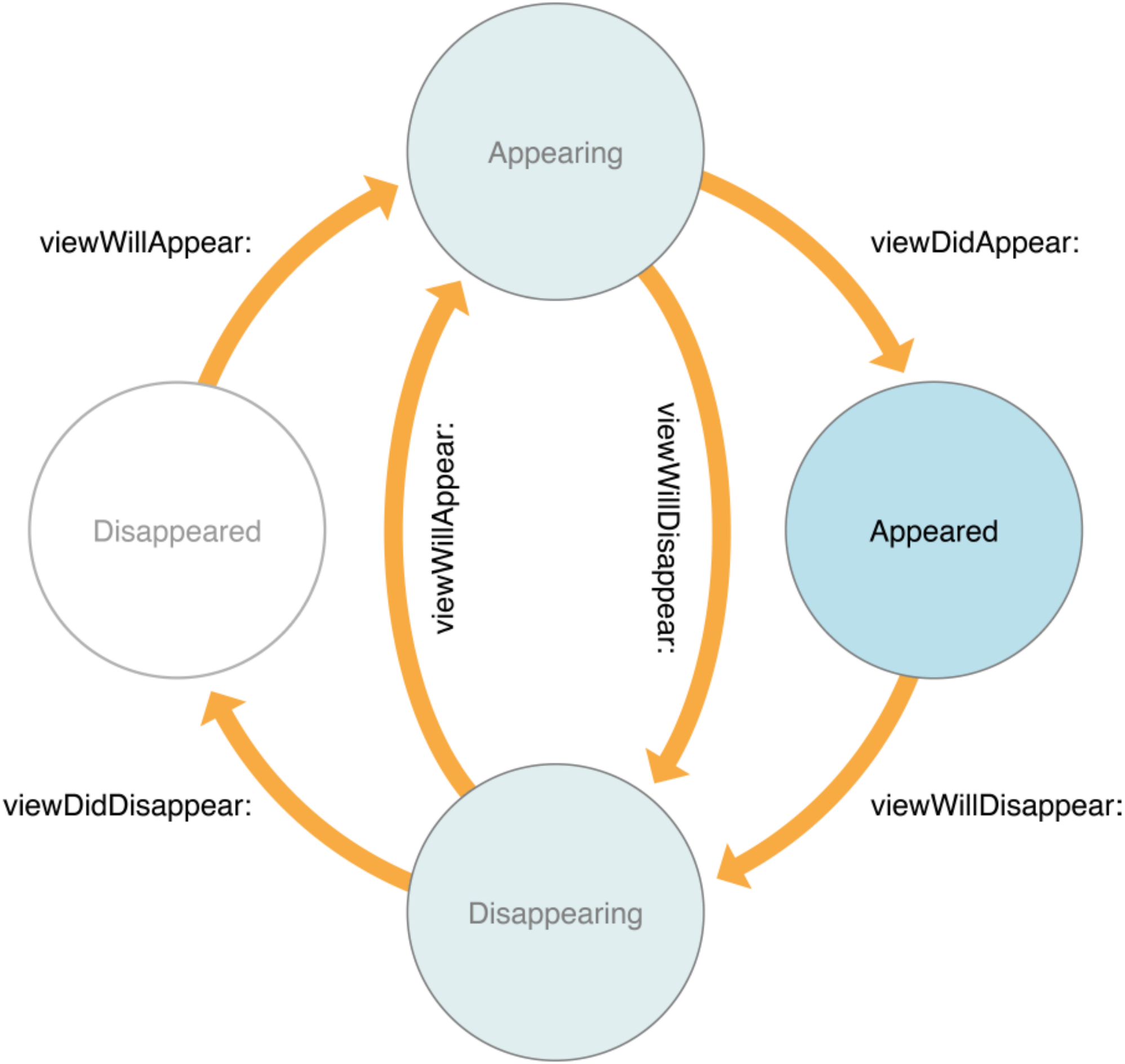
XCODE

Model-View-Controller


Controller
User Action
Update
Update
Notify
View
Model

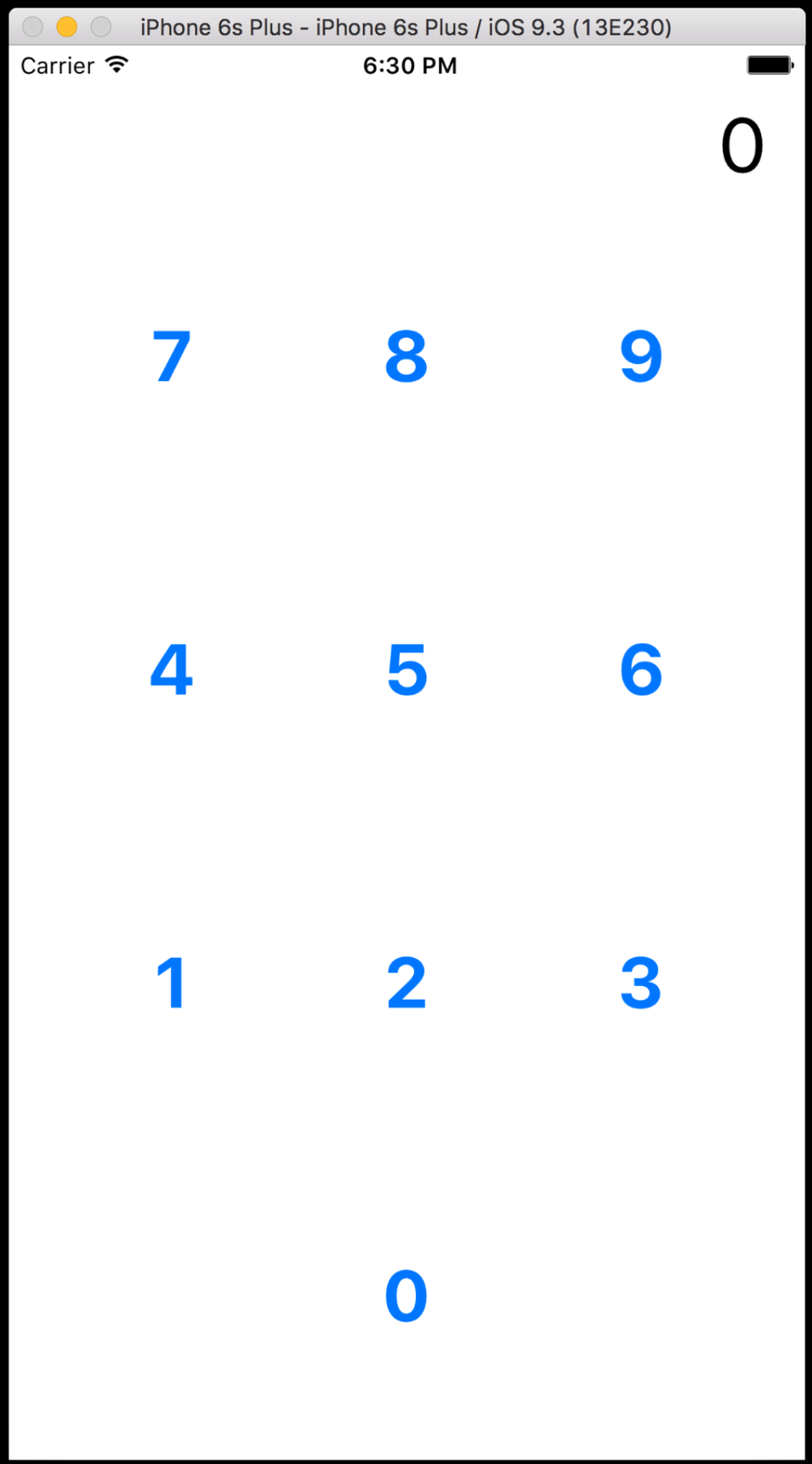


- application:willFinishLaunchingWithOptions:
- application:didFinishLaunchingWithOptions:
- applicationDidBecomeActive:
- applicationWillResignActive
- applicationDidEnterBackground
- applicationWillEnterForeground:
- applicationWillTerminate:


Appearing
viewWillAppear:
viewDidAppear:
Disappeared
Appeared
viewWillAppear:
viewWillDisappear:
viewDidDisappear:
viewWillDisappear:
Disappearing

Swift 3.0

Playground


iPhone 6s Plus - iPhone 6s Plus / iOS 9.3 (13E230)
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