# Introduction to iOS

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# \<TODO>

Slides and Projects Link

Fast

Modern

Safe

Interactive

# Structs And Classes

```swift
struct Circle
{
    let center: CGPoint
    let radius: CGFloat

    func draw()
    {

        // Draw a circle
    }
}
```
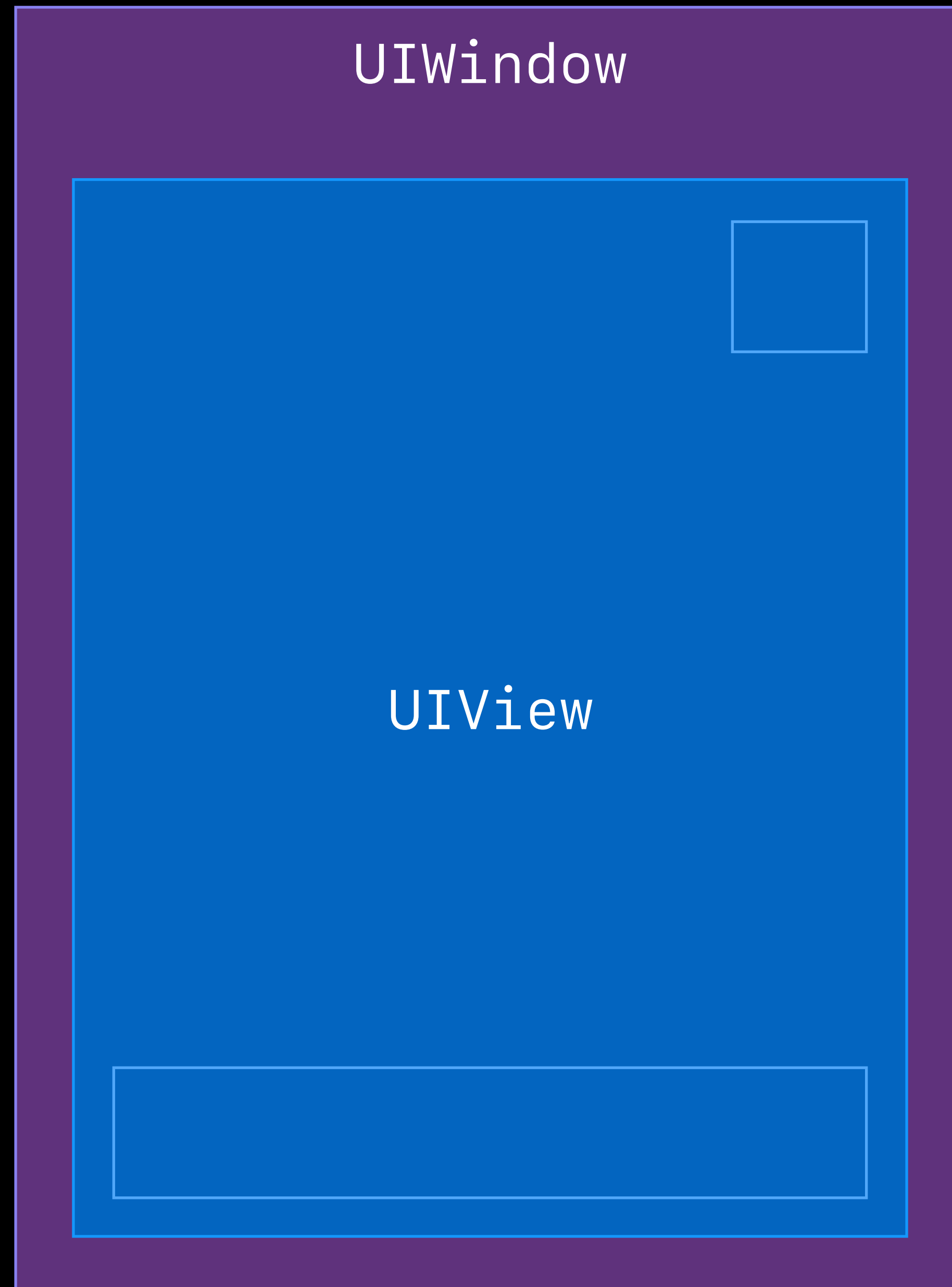
# Protocols

```swift
protocol Drawable
{
    func draw()
}


struct Circle: Drawable
{
    let center: CGPoint
    let radius: CGFloat

    func draw()
    {

        // Draw a circle
    }
}
```
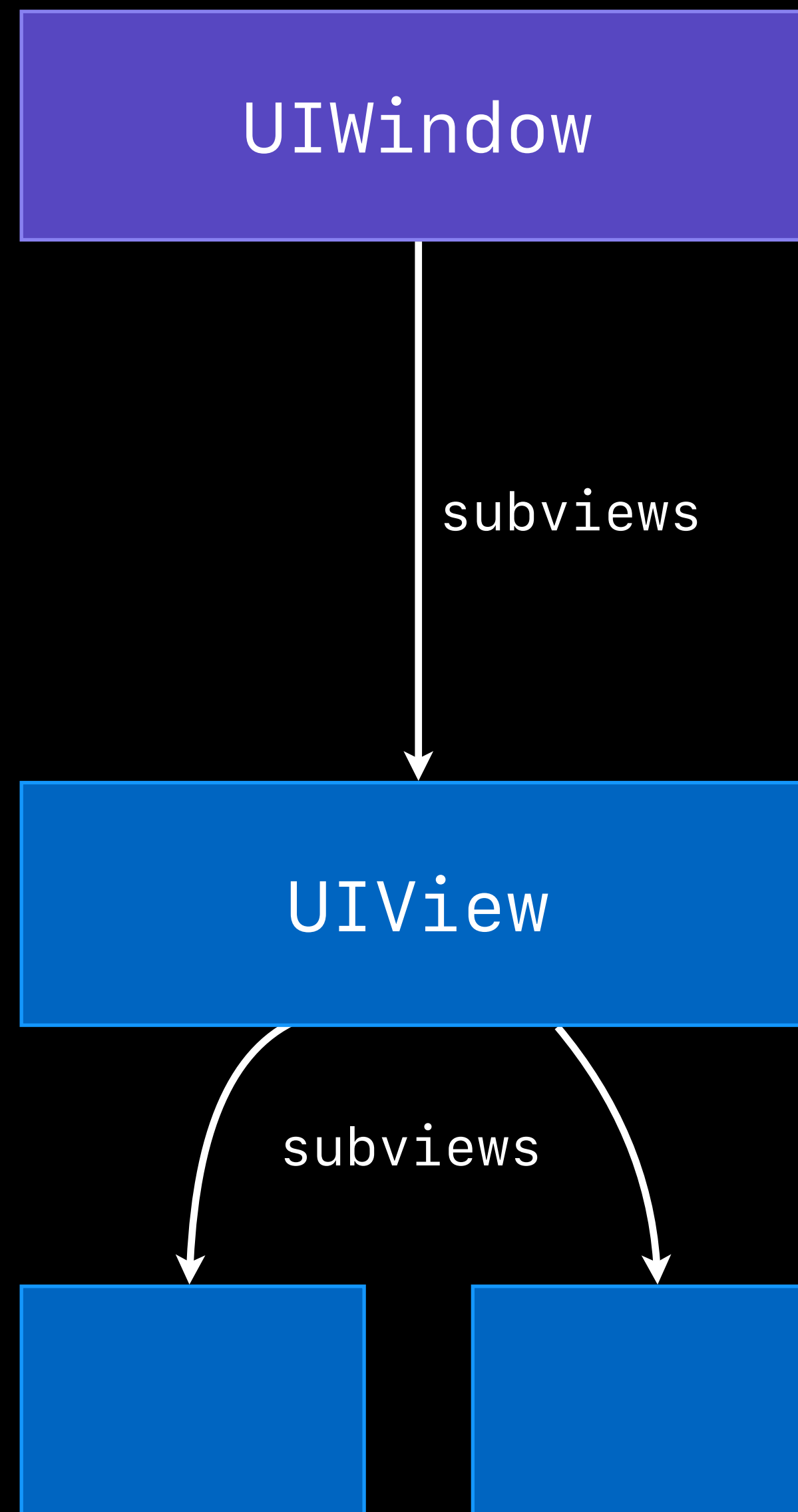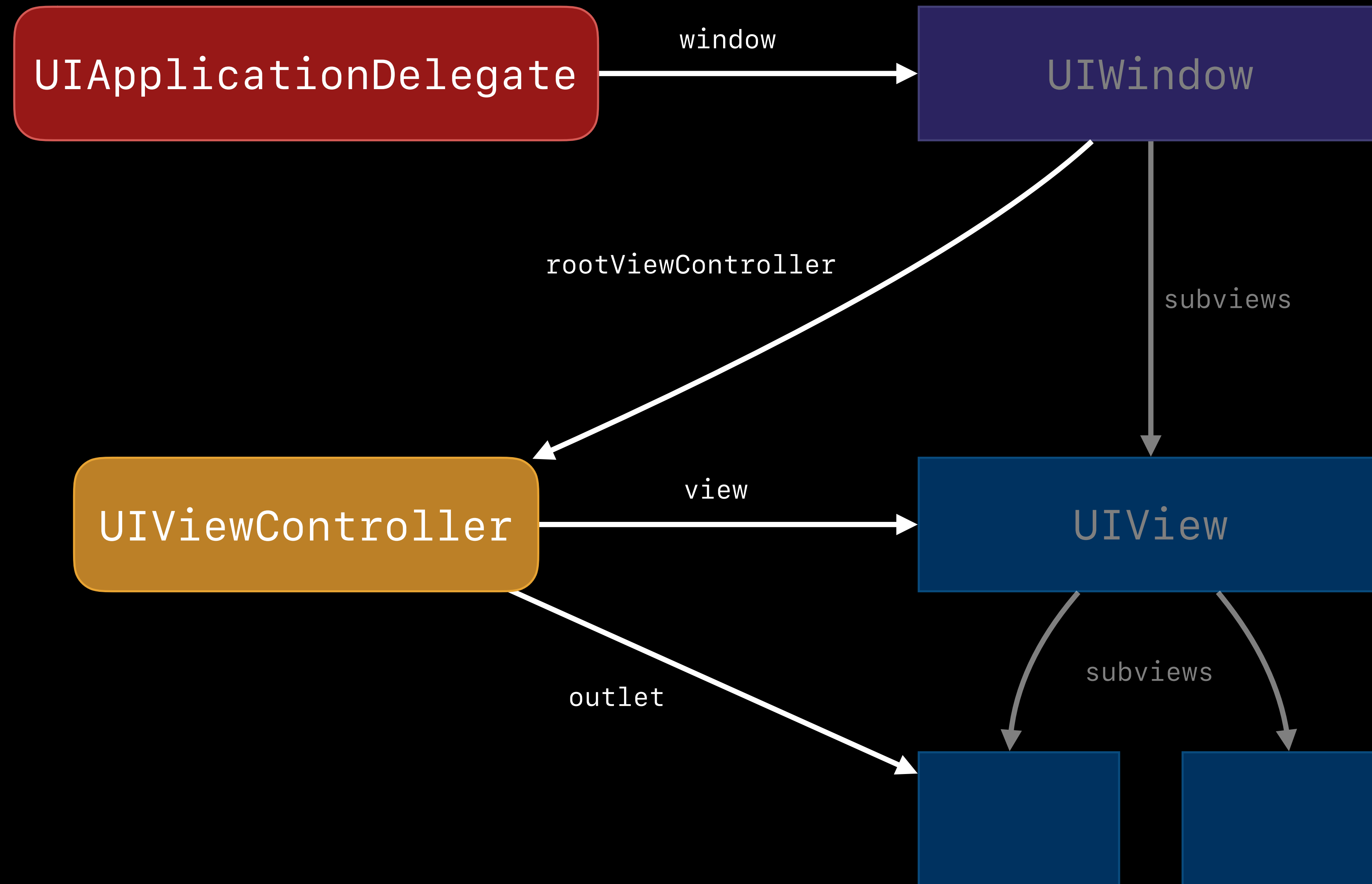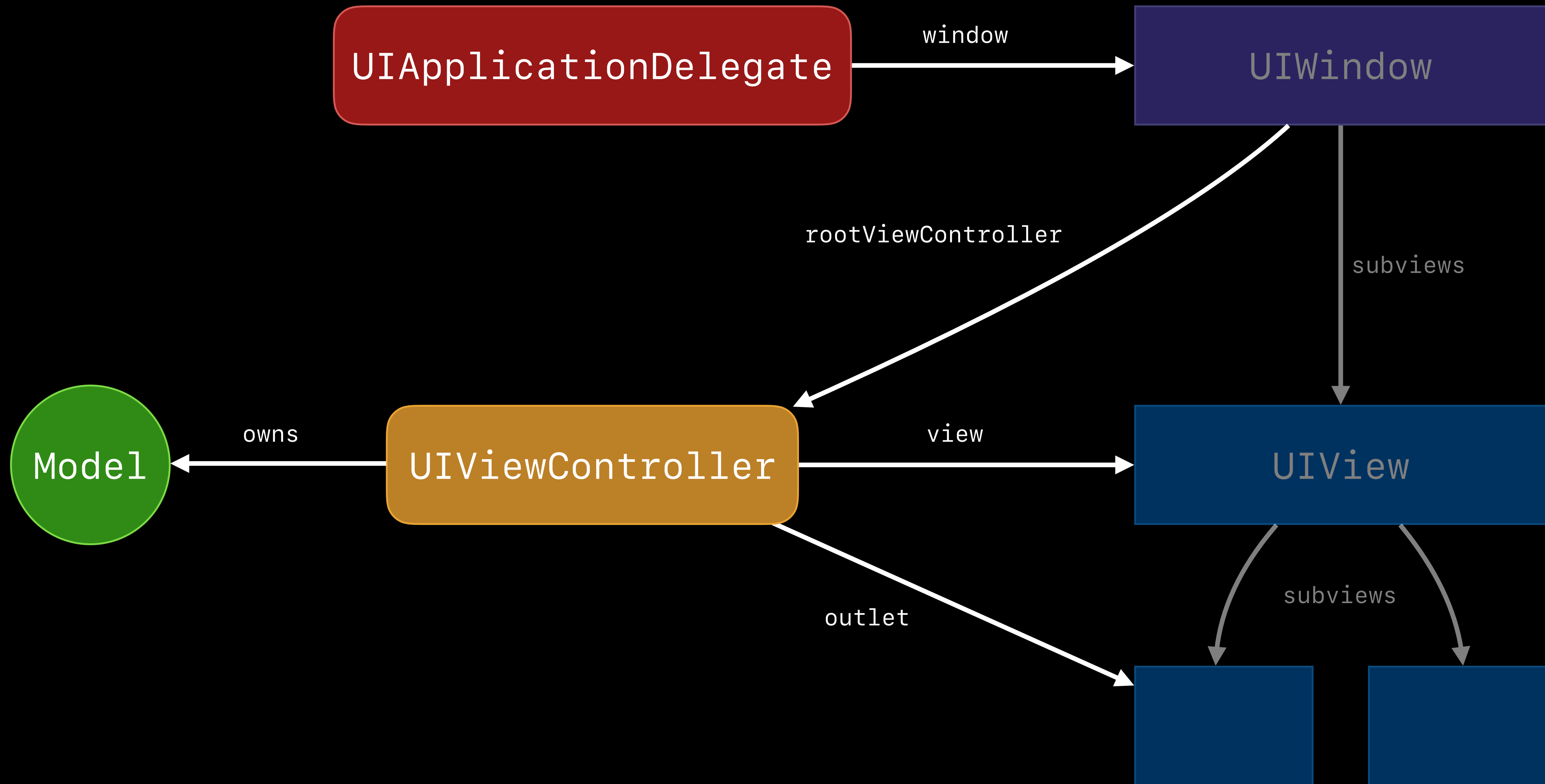
# iOS Application Architecture

# View Hierarchy

# View Hierarchy

# Controller

UIApplicationDelegate —window→ UIWindow

UIWindow —rootViewController→ UIViewController

UIWindow —subviews→ UIView

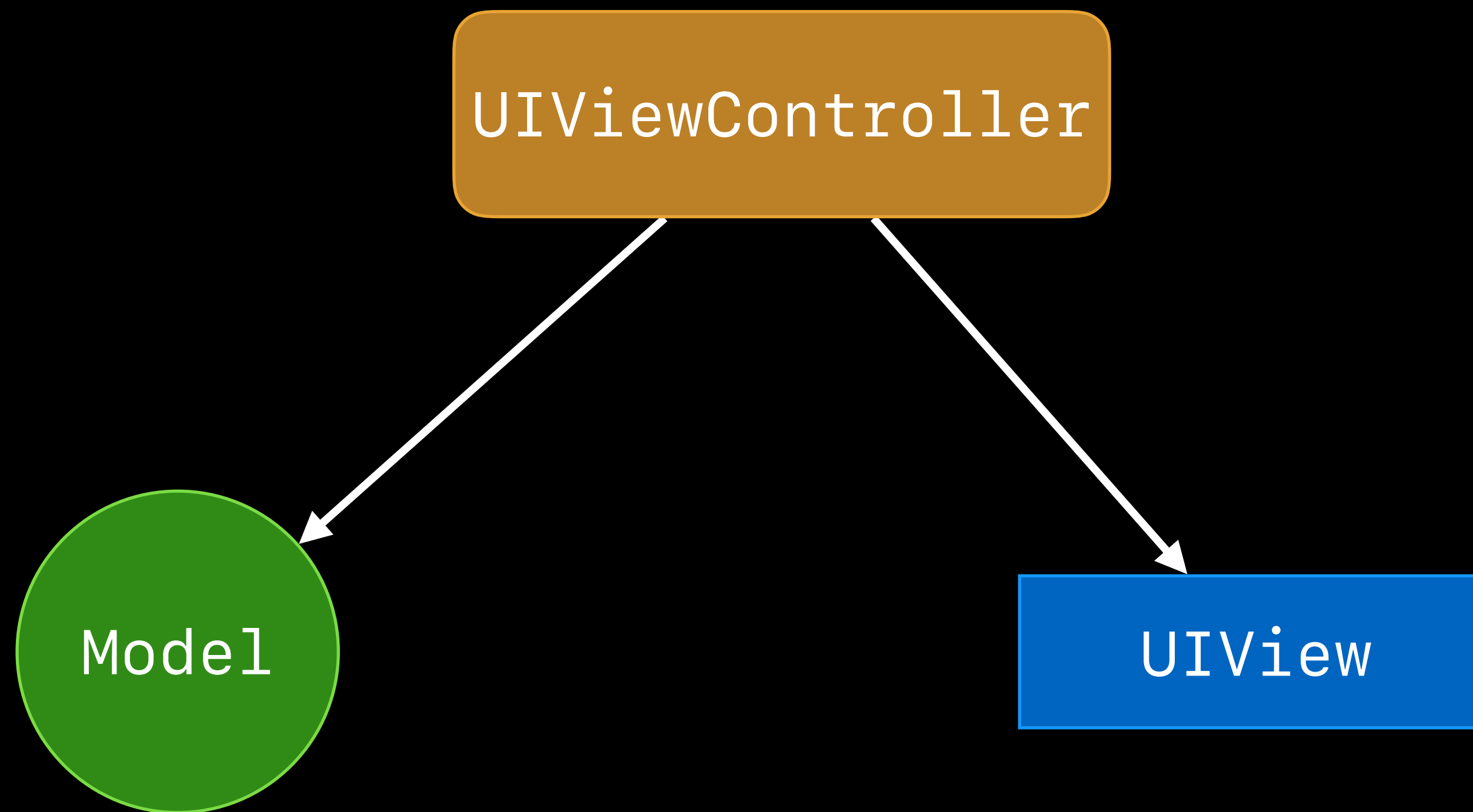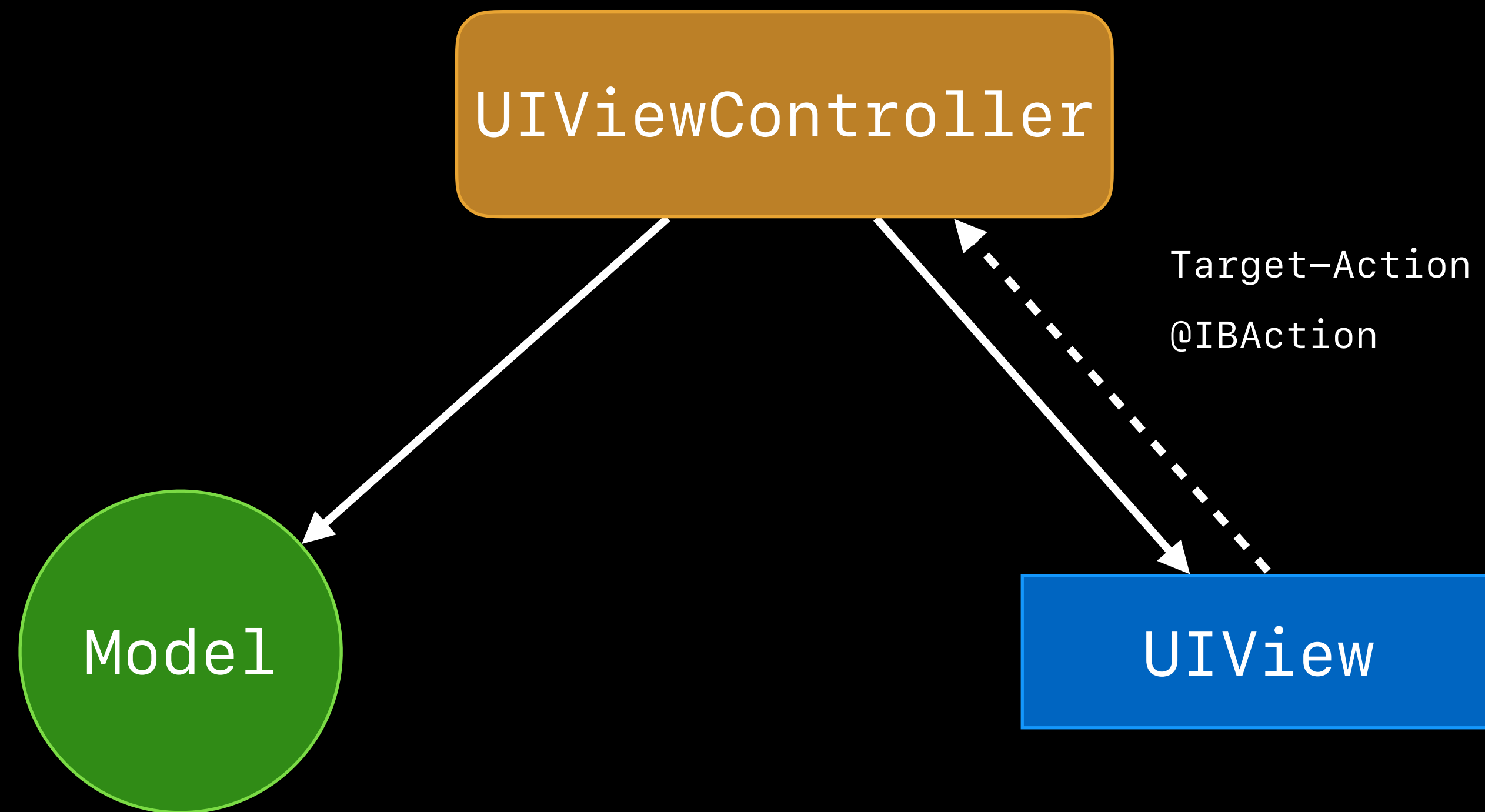UIViewController —view→ UIView

UIViewController —outlet→

UIView —subviews→

# Controller

# View Controller Messaging

# View Controller Messaging



UIViewController

Target–Action

@IBAction

Model

UIView

# View Controller Messaging

UIViewController

Target-Action

@IBAction

@IBOutlet

Model

UIView
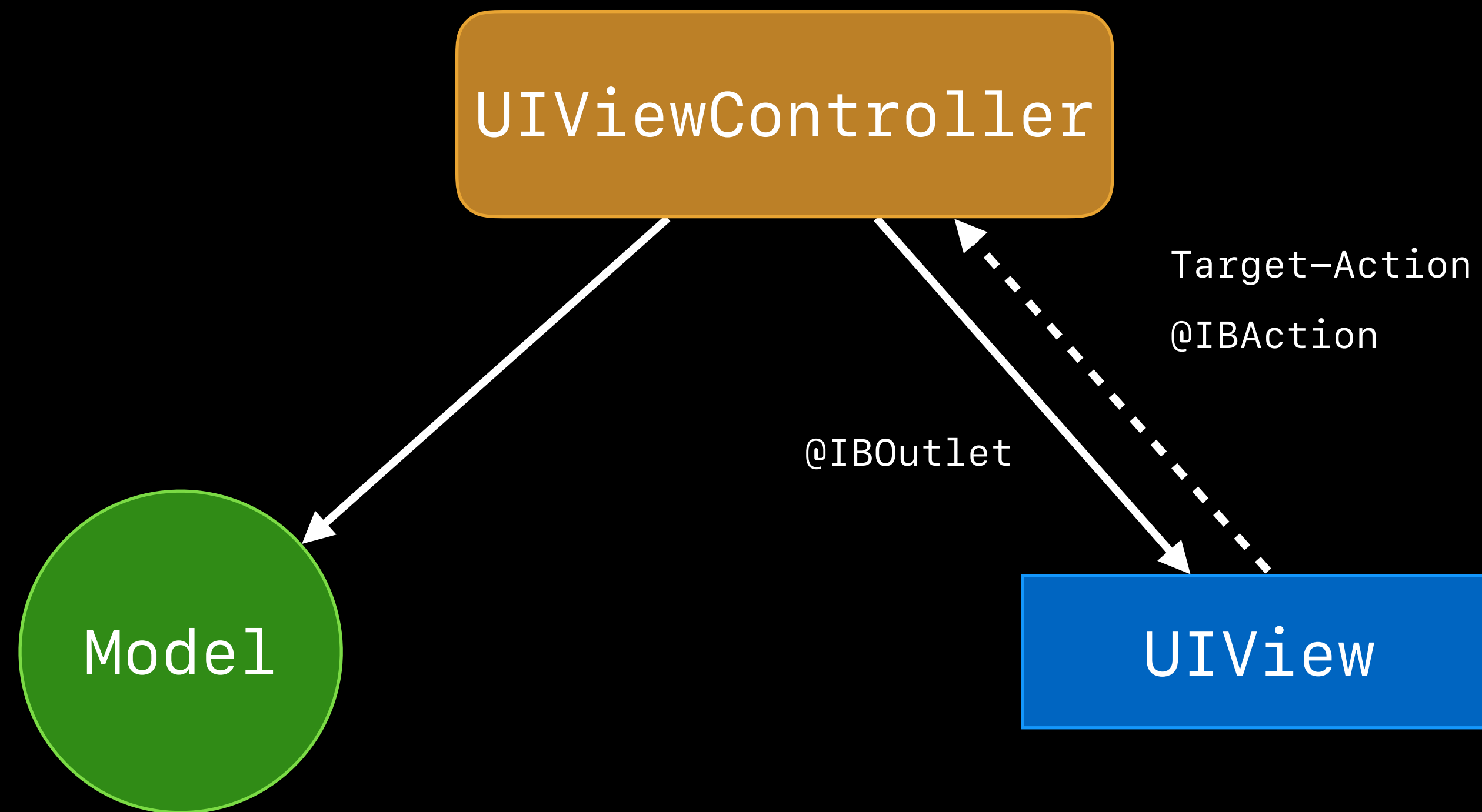
# View Controller Messaging
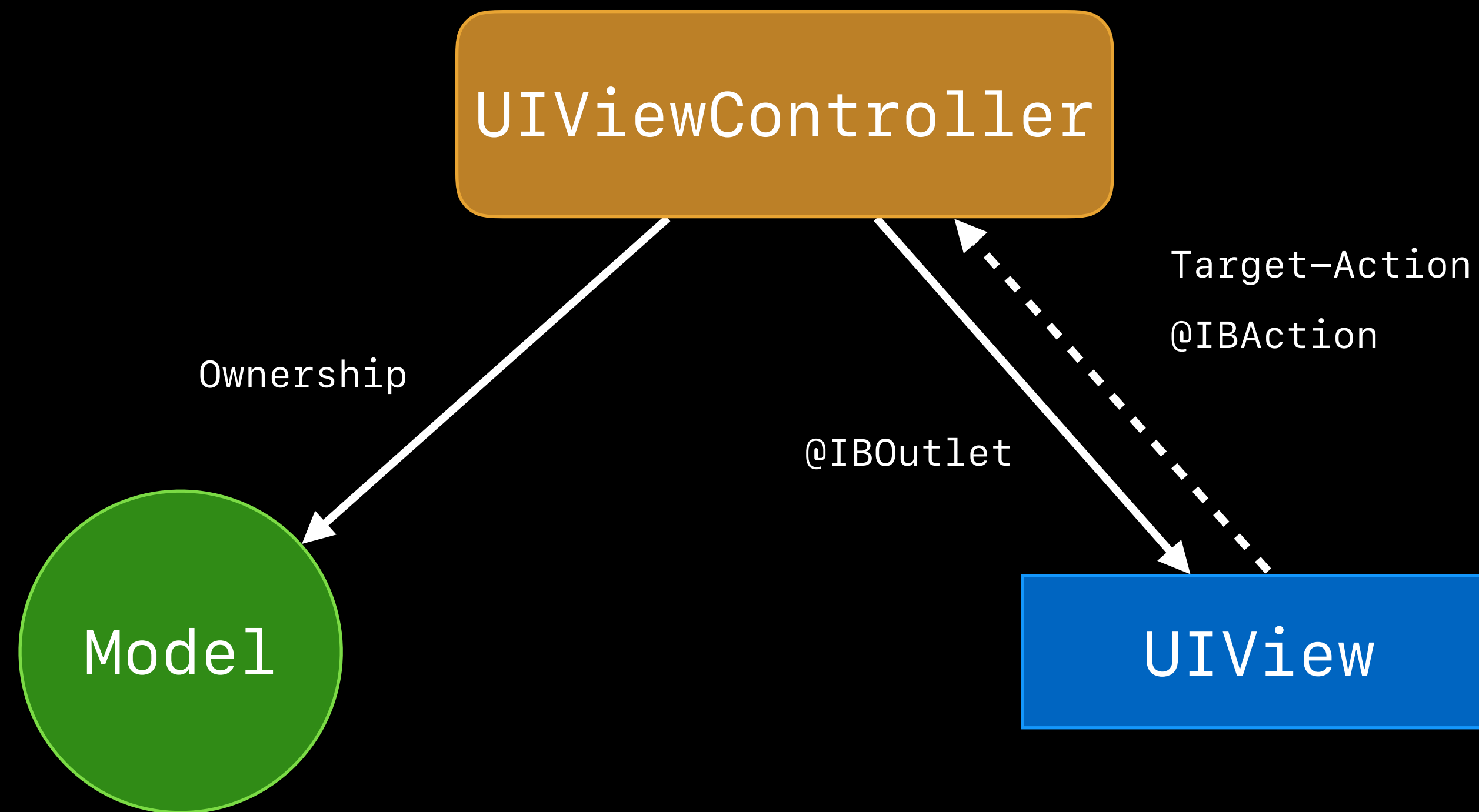
# Demo

Make the app already