



Michigan Hackers

Tech Talk • March 30, 2015

iOS Development

Video

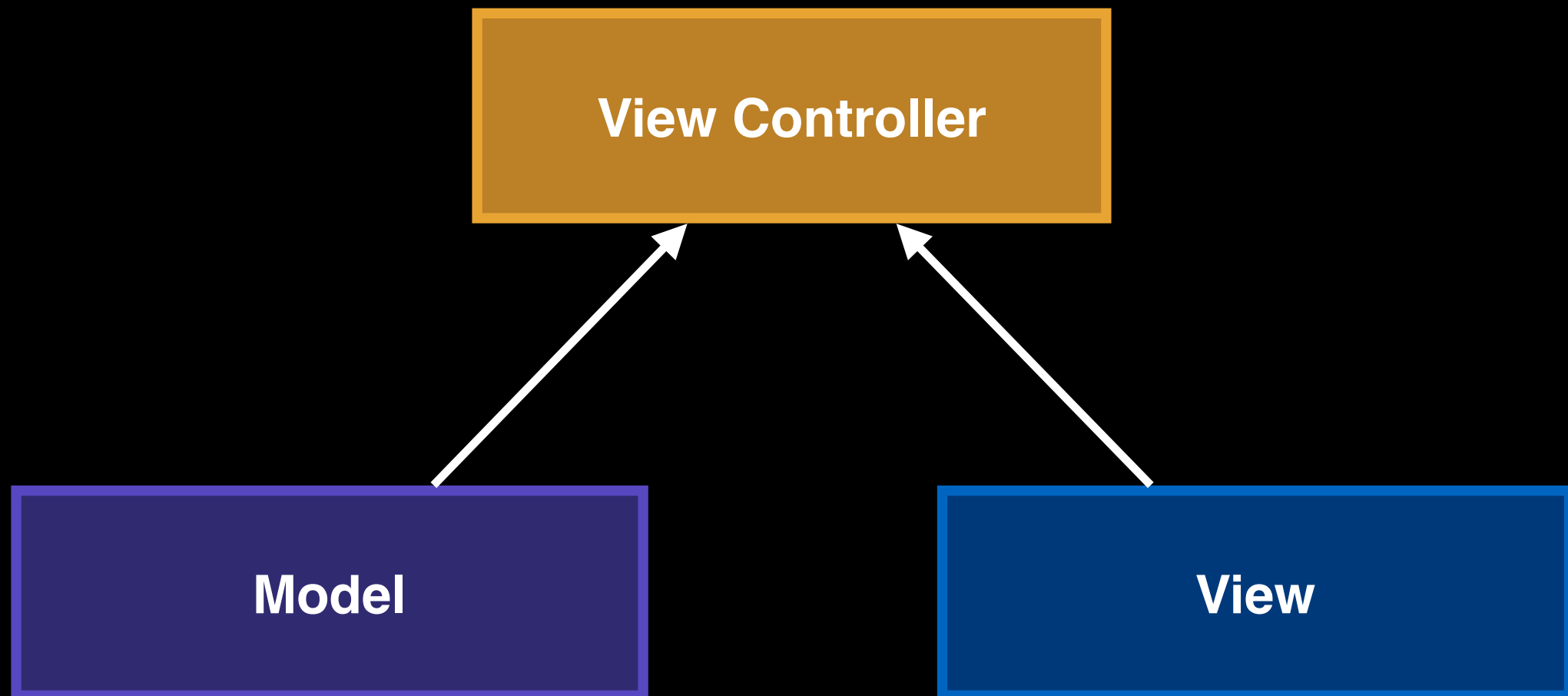
Design

Sneak Peak

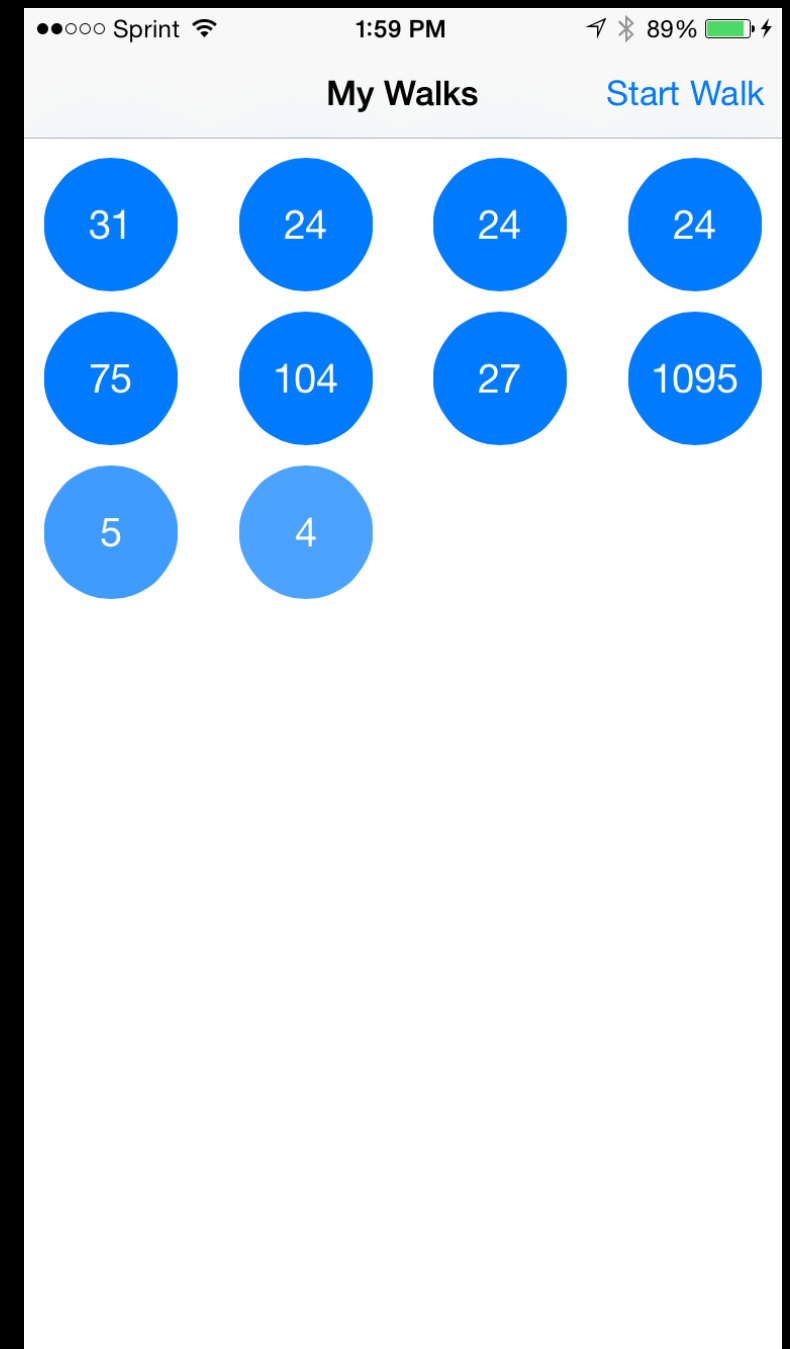
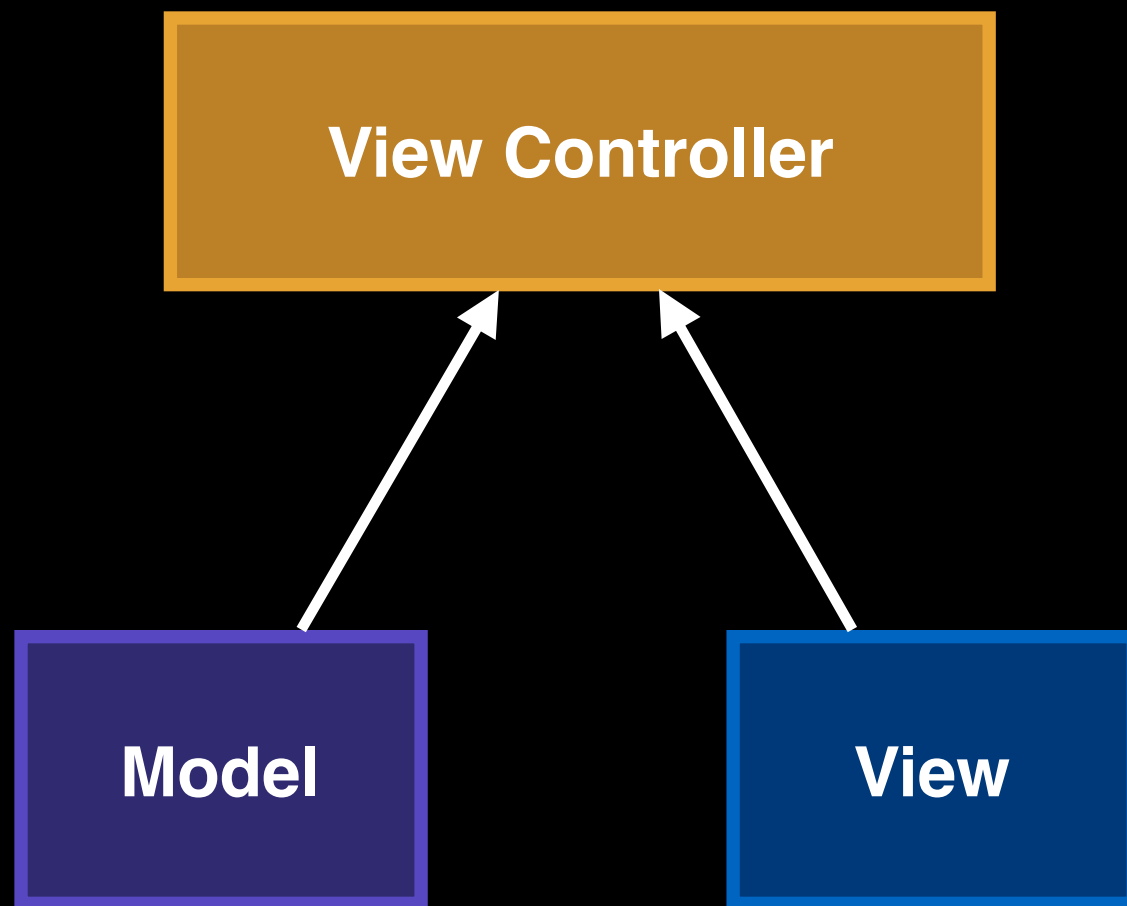
bit.ly/walker-app

Model-View-Controller

Model-View-Controller

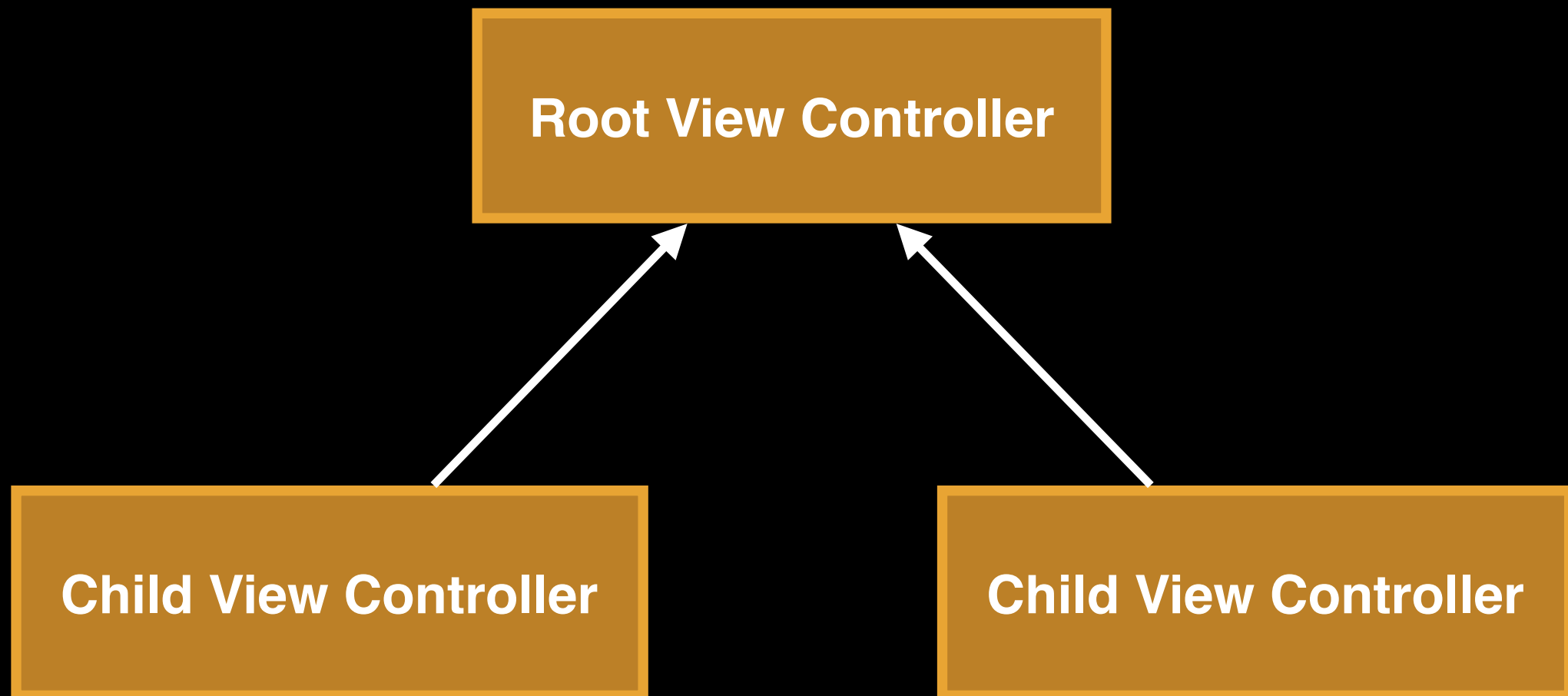


Model-View-Controller

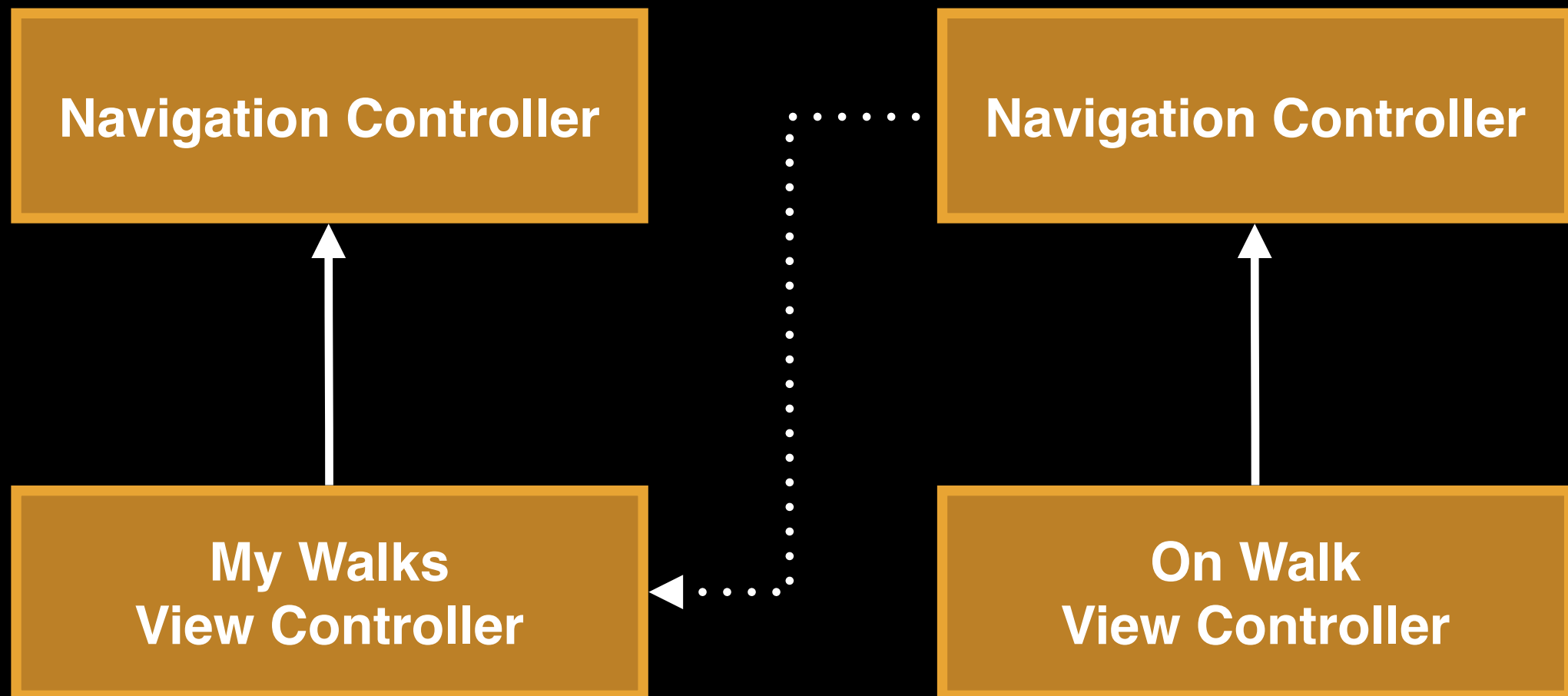


Demo

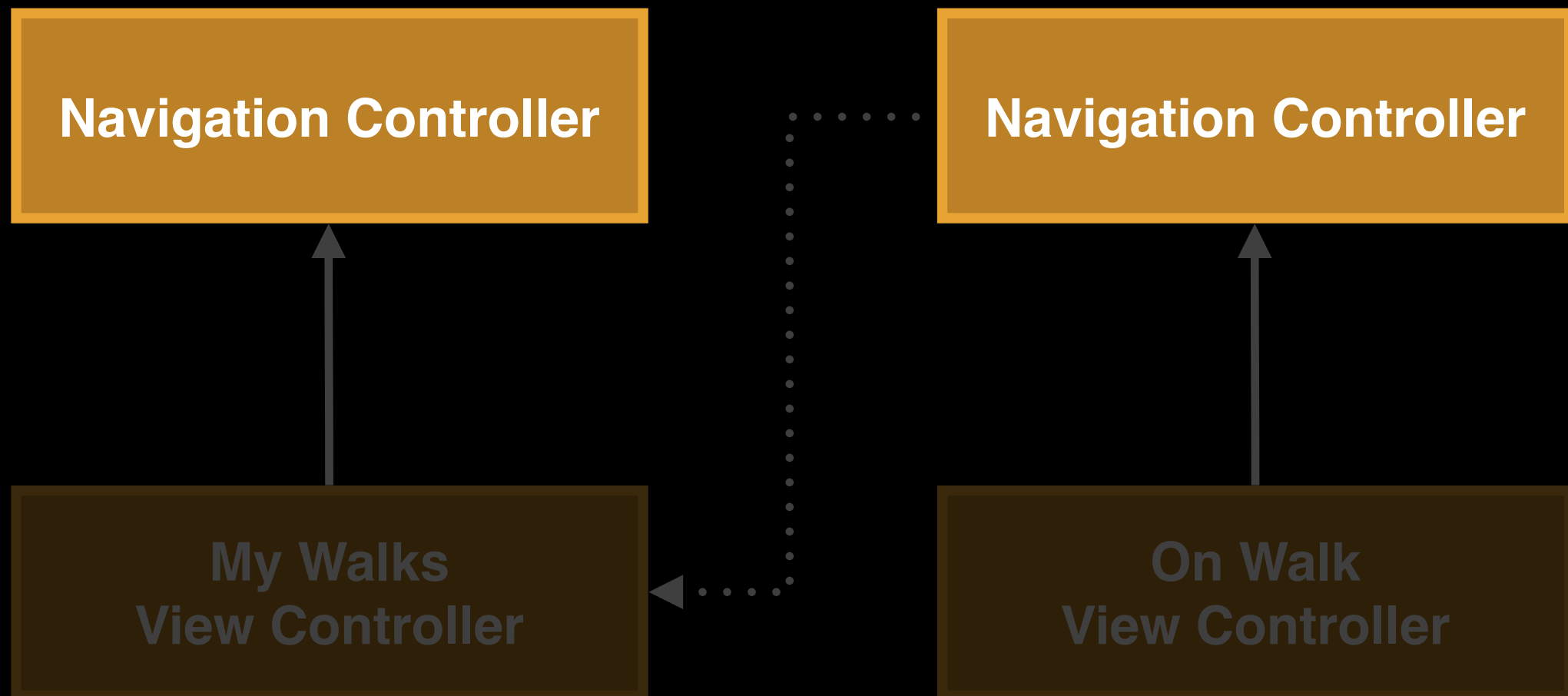
View Controller Hierarchy



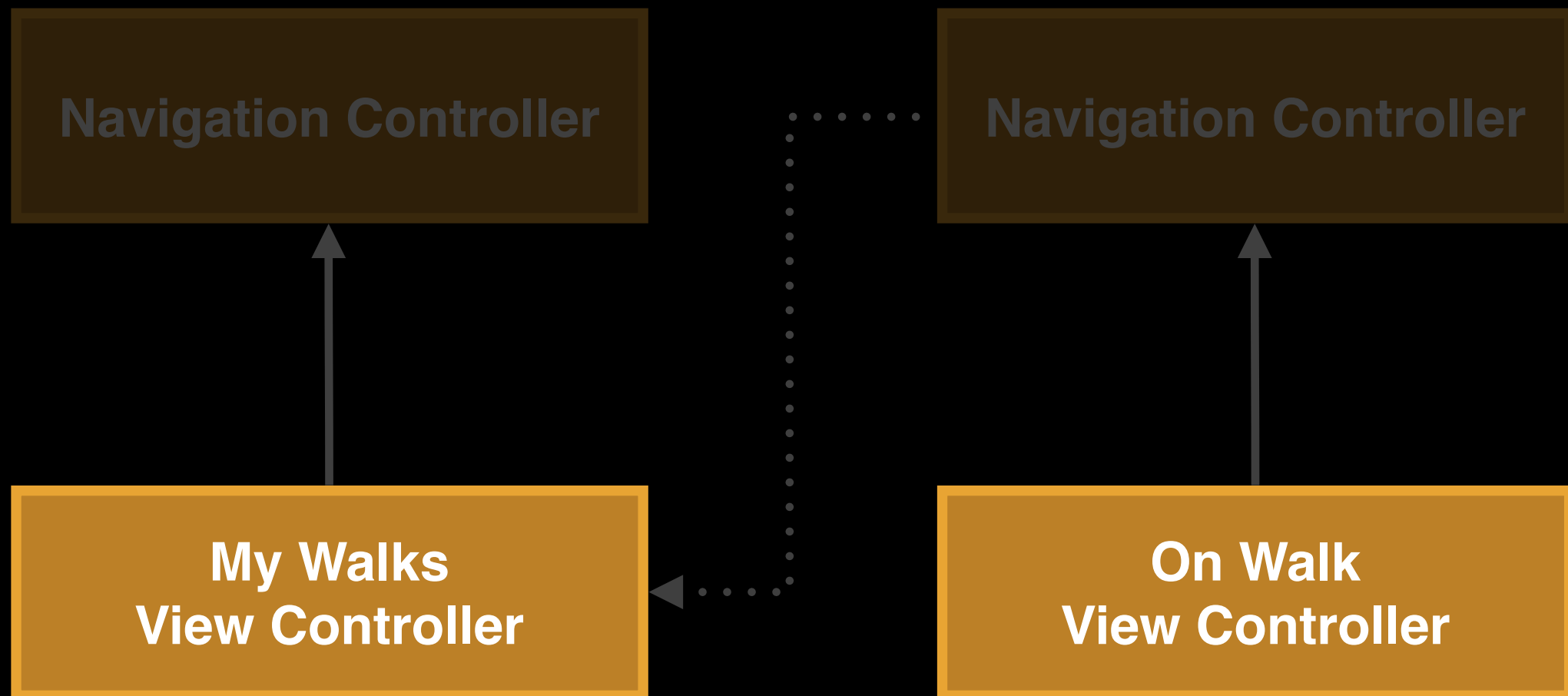
View Controller Hierarchy



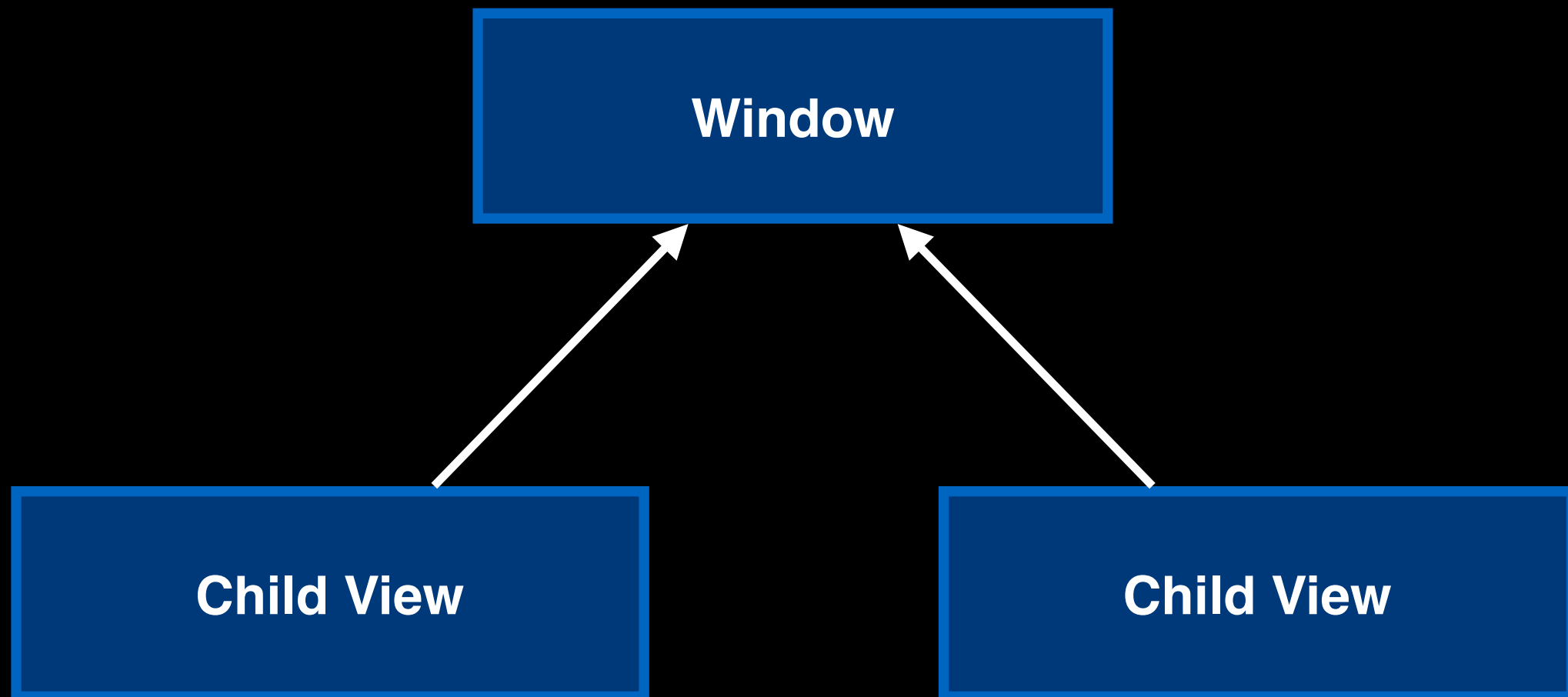
View Controller Hierarchy



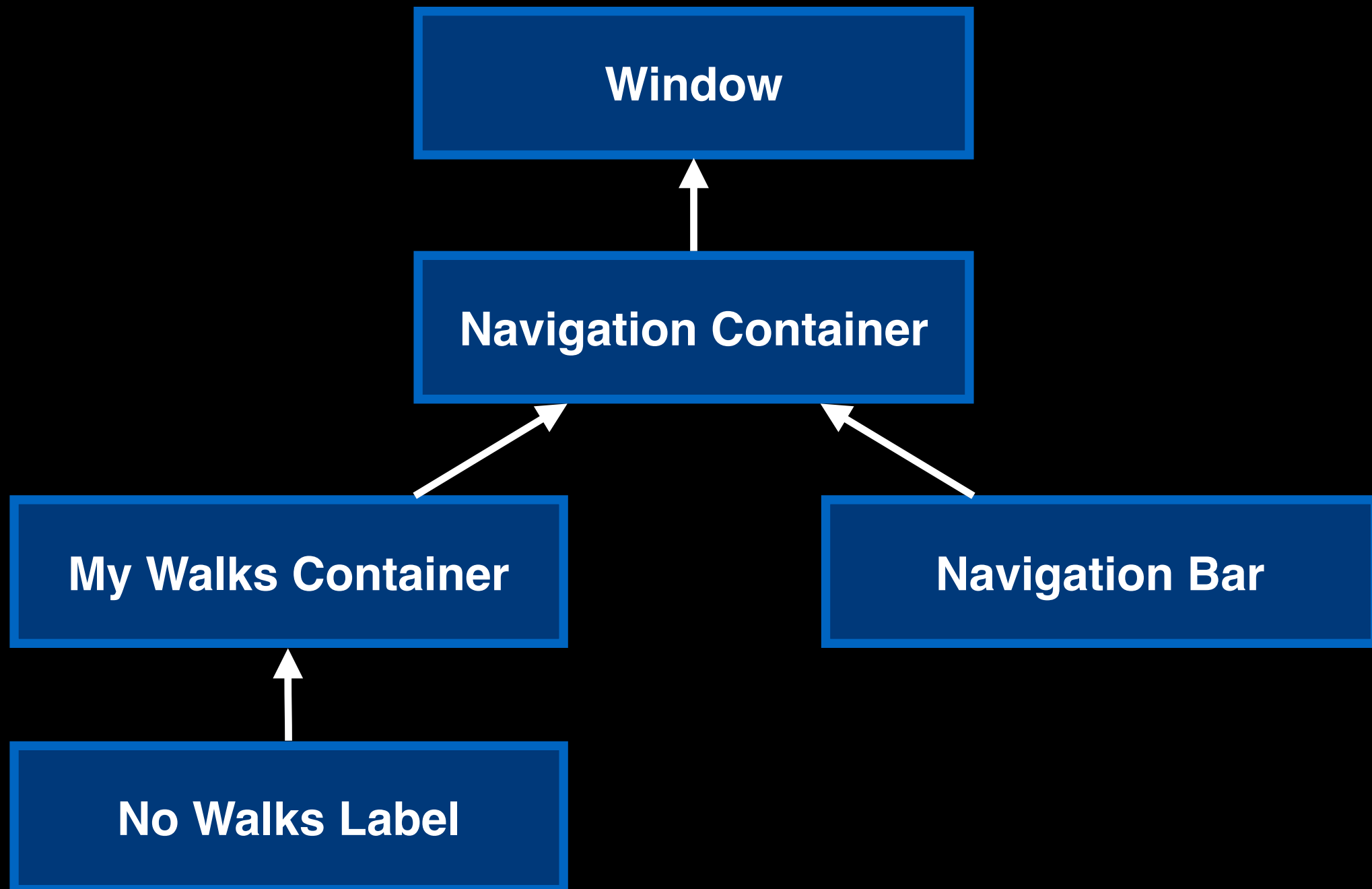
View Controller Hierarchy



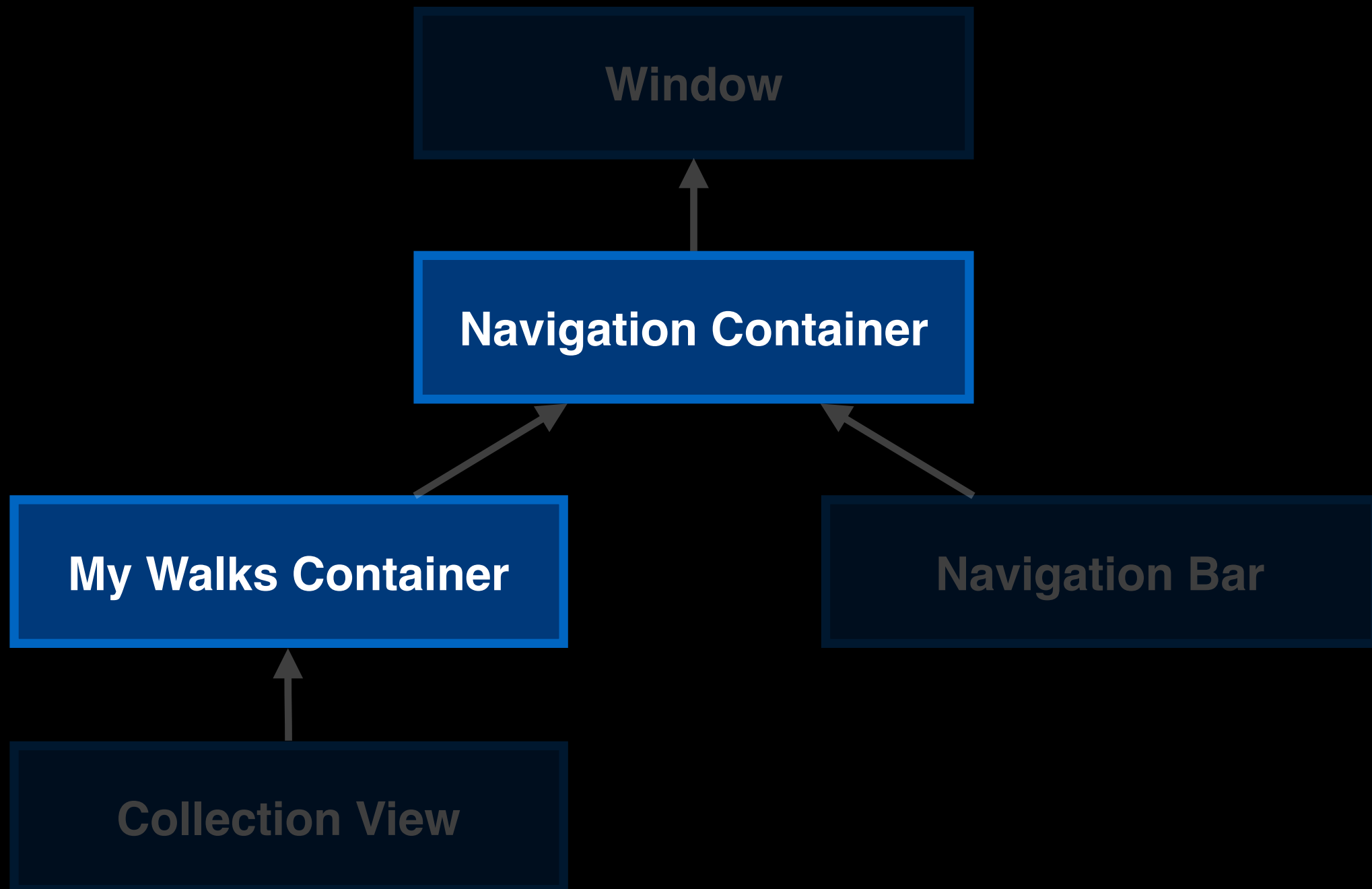
View Hierarchy



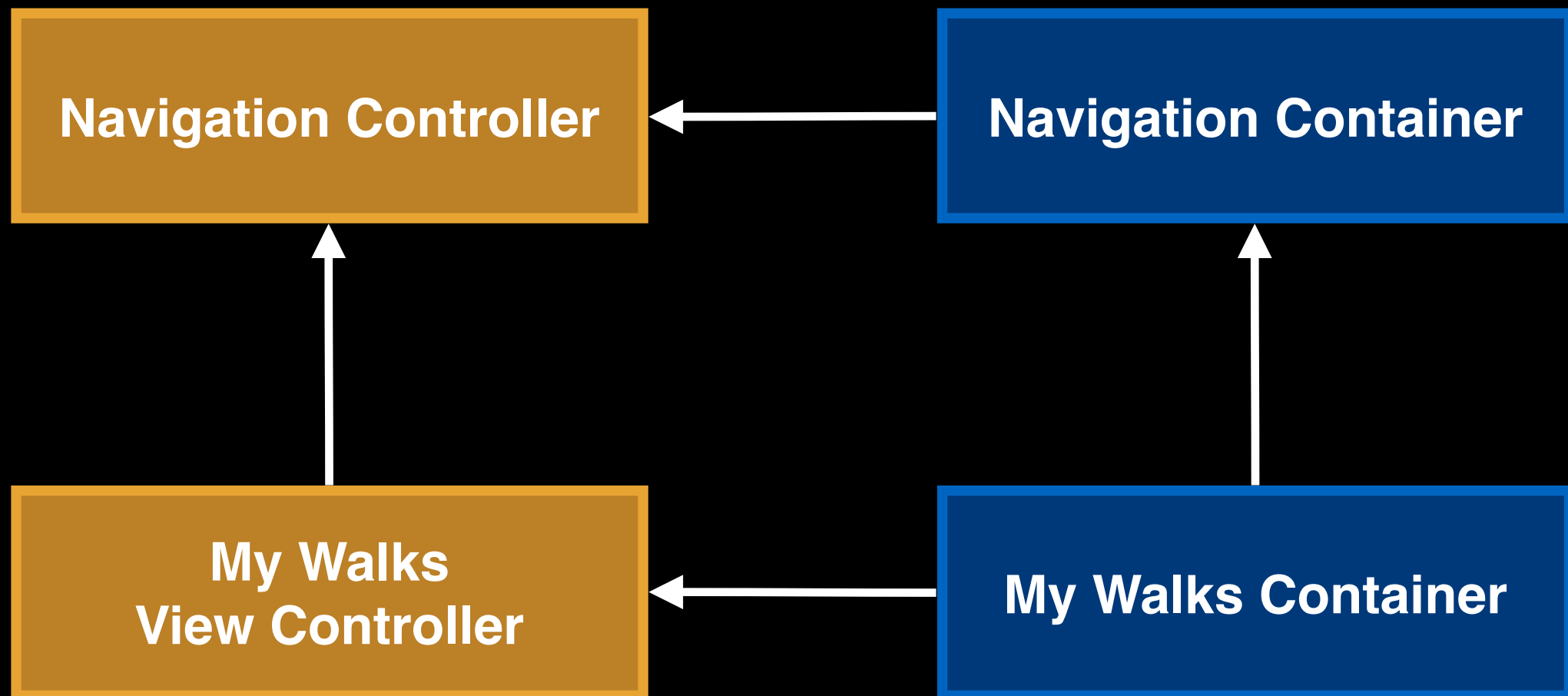
View Hierarchy



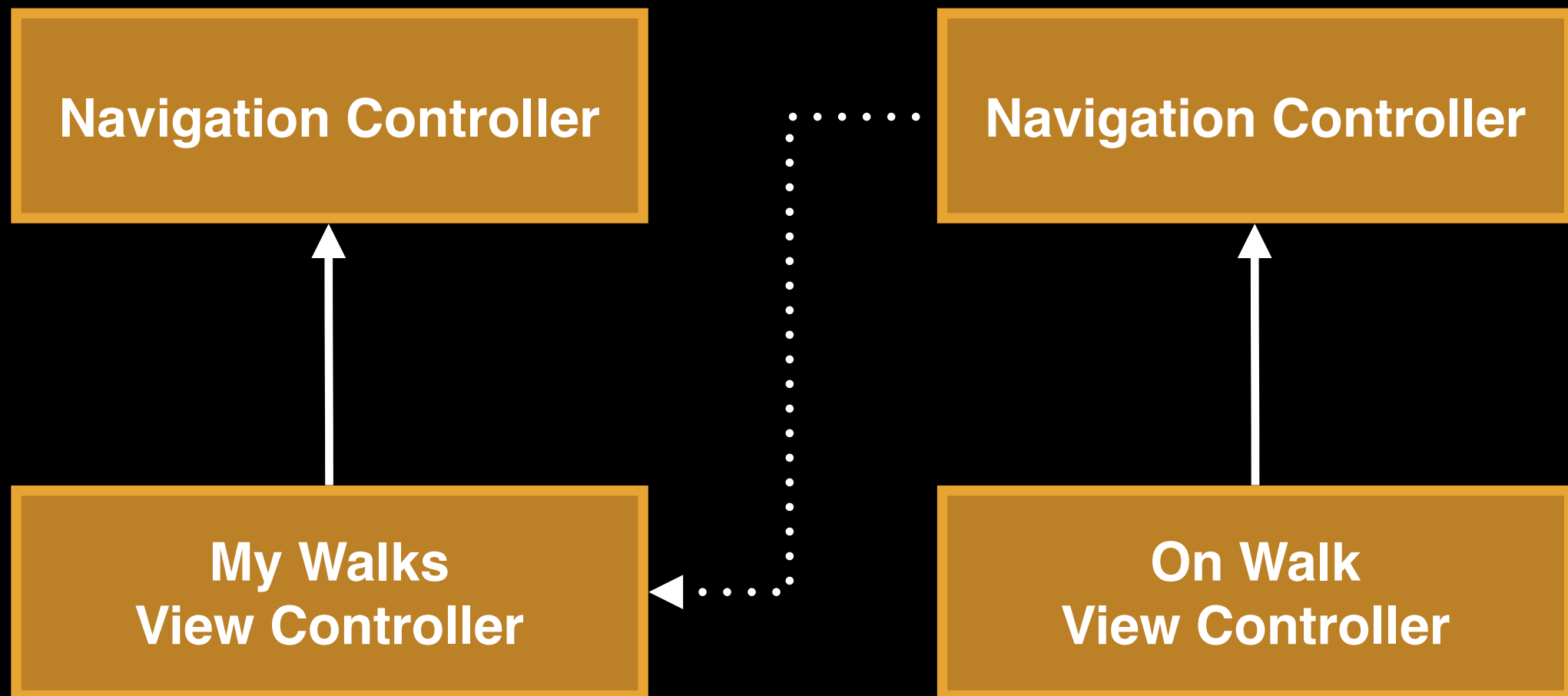
View Hierarchy



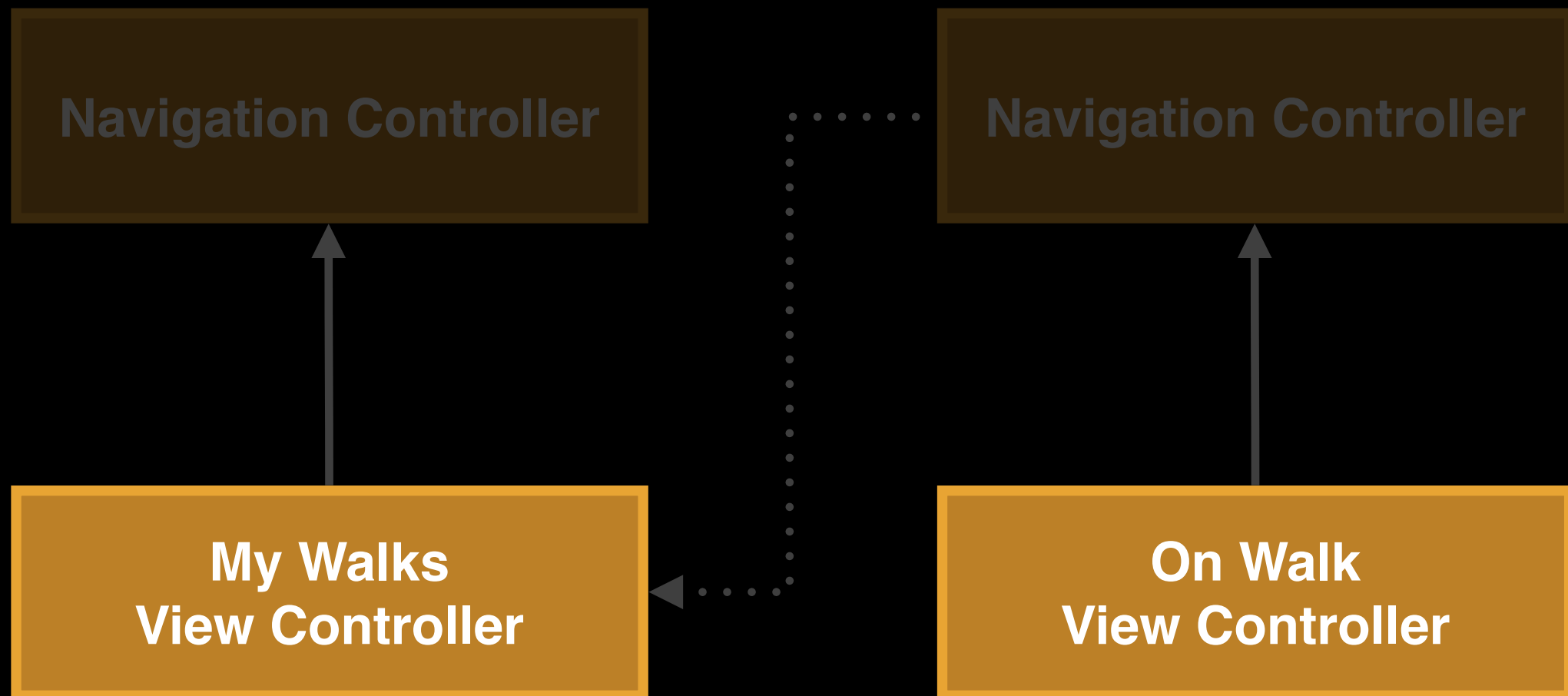
View Controller + View



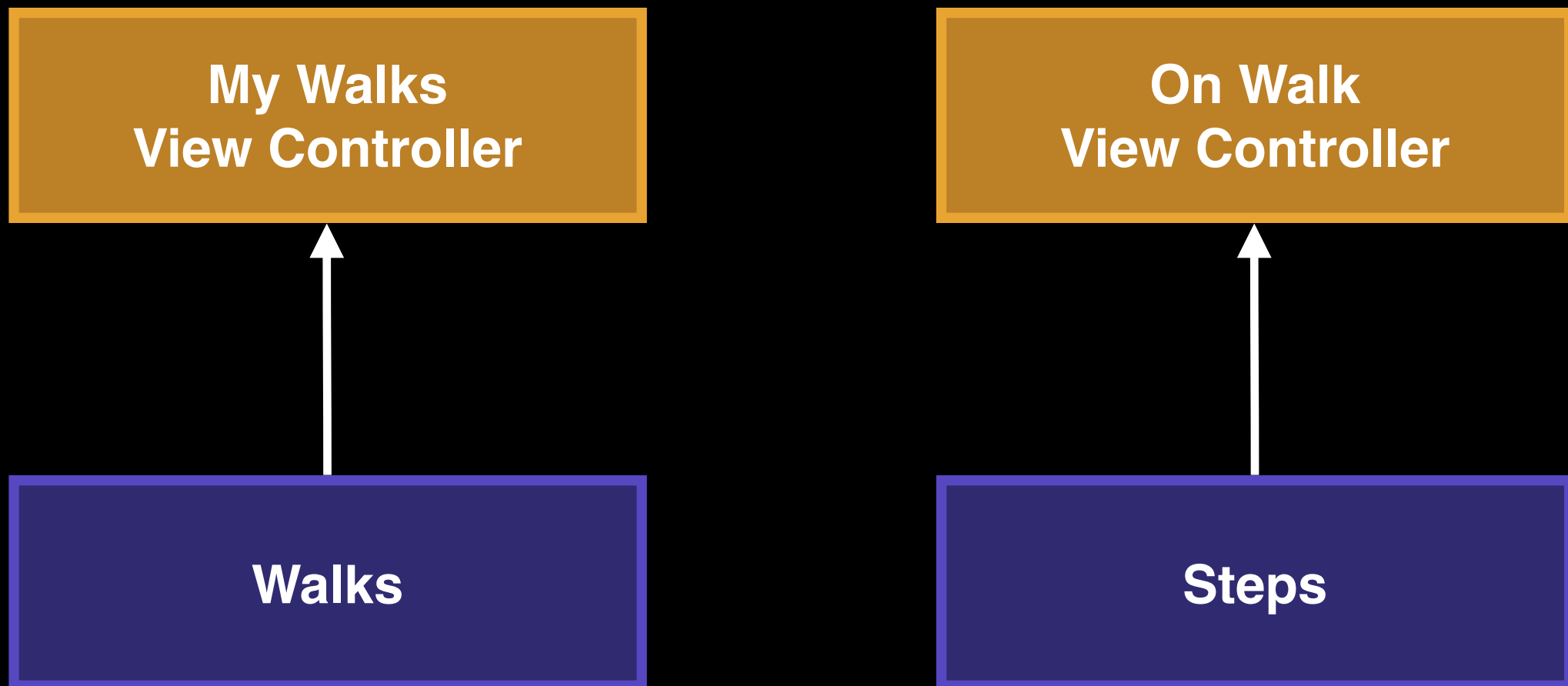
View Controller Hierarchy



View Controller Hierarchy

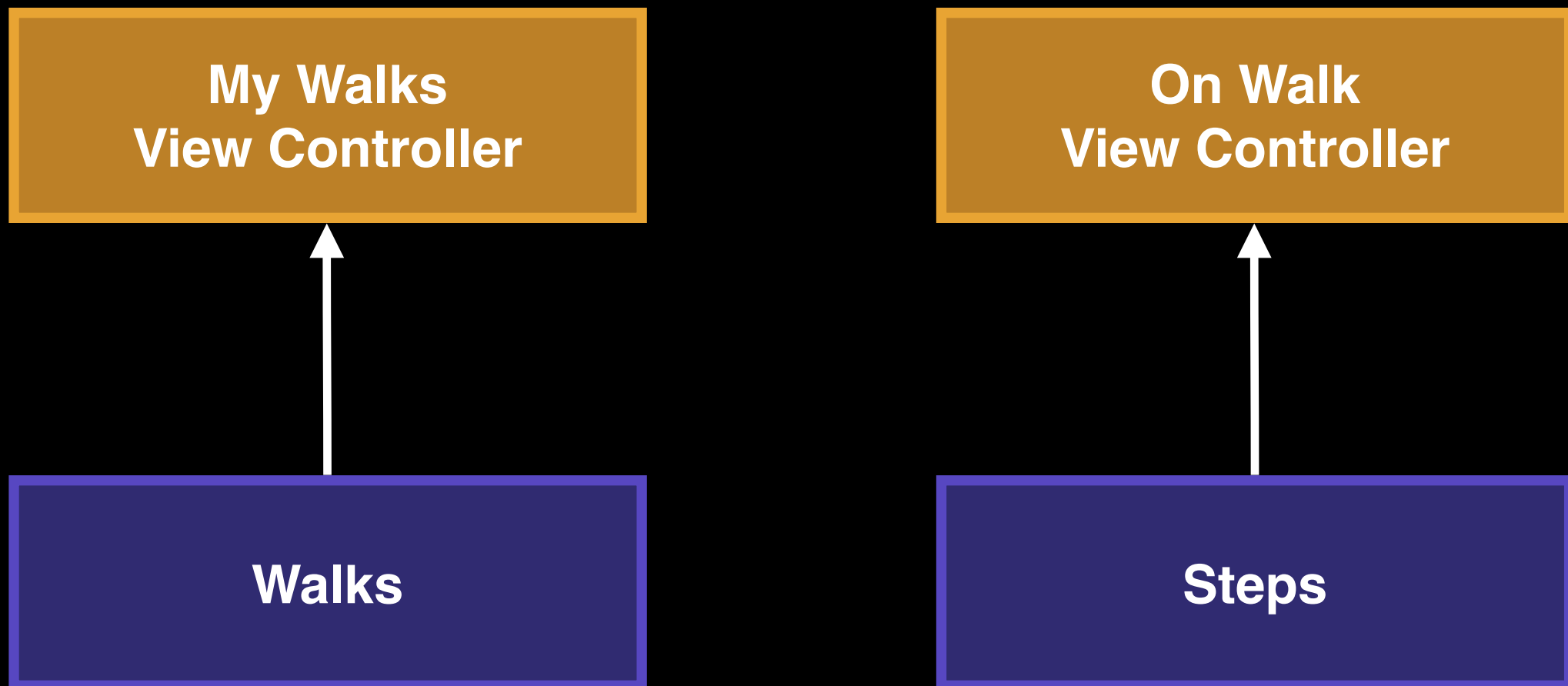


View Controller + Model

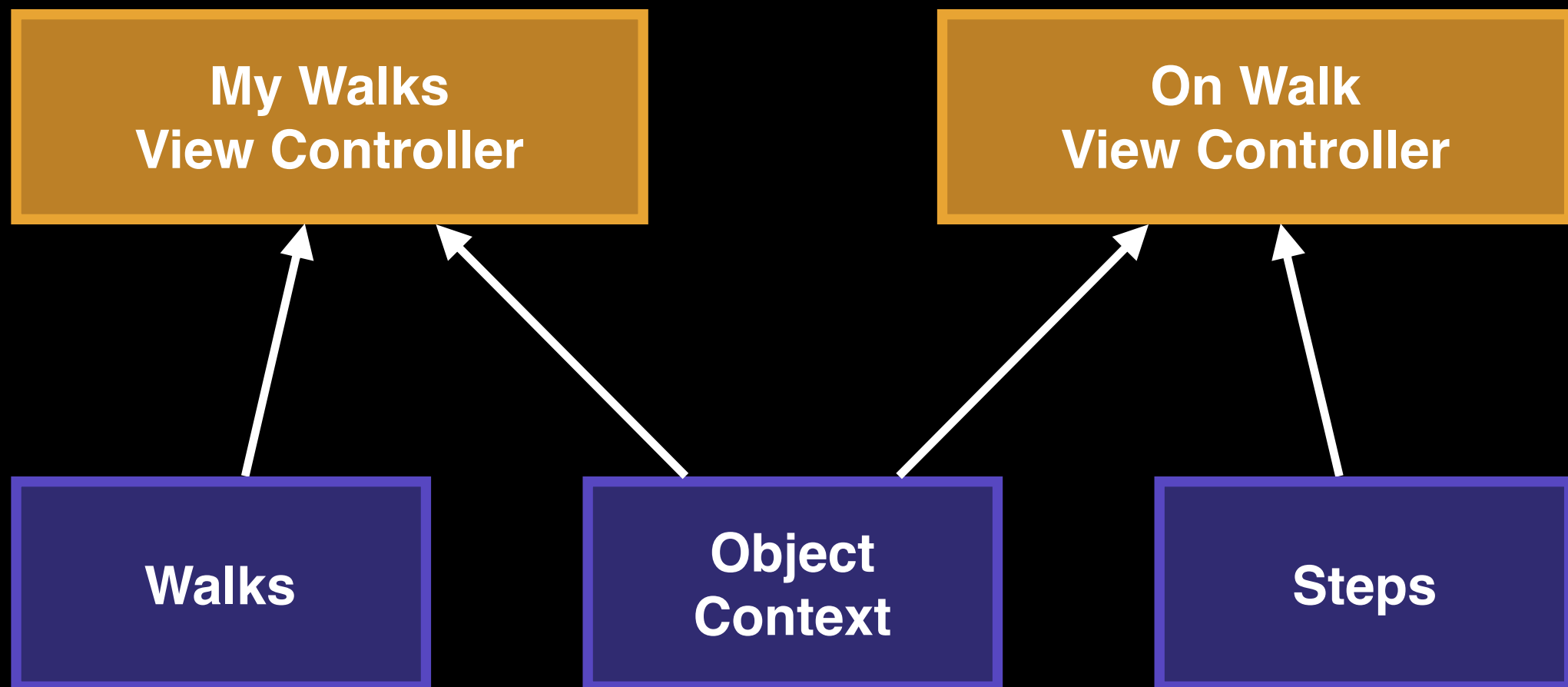


Demo

View Controller + Model



View Controller + Model



Review

- Model-View-Controller paradigm
- Complex visual layouts
- Powerful data management
- Advanced native technologies

Tour of Technologies

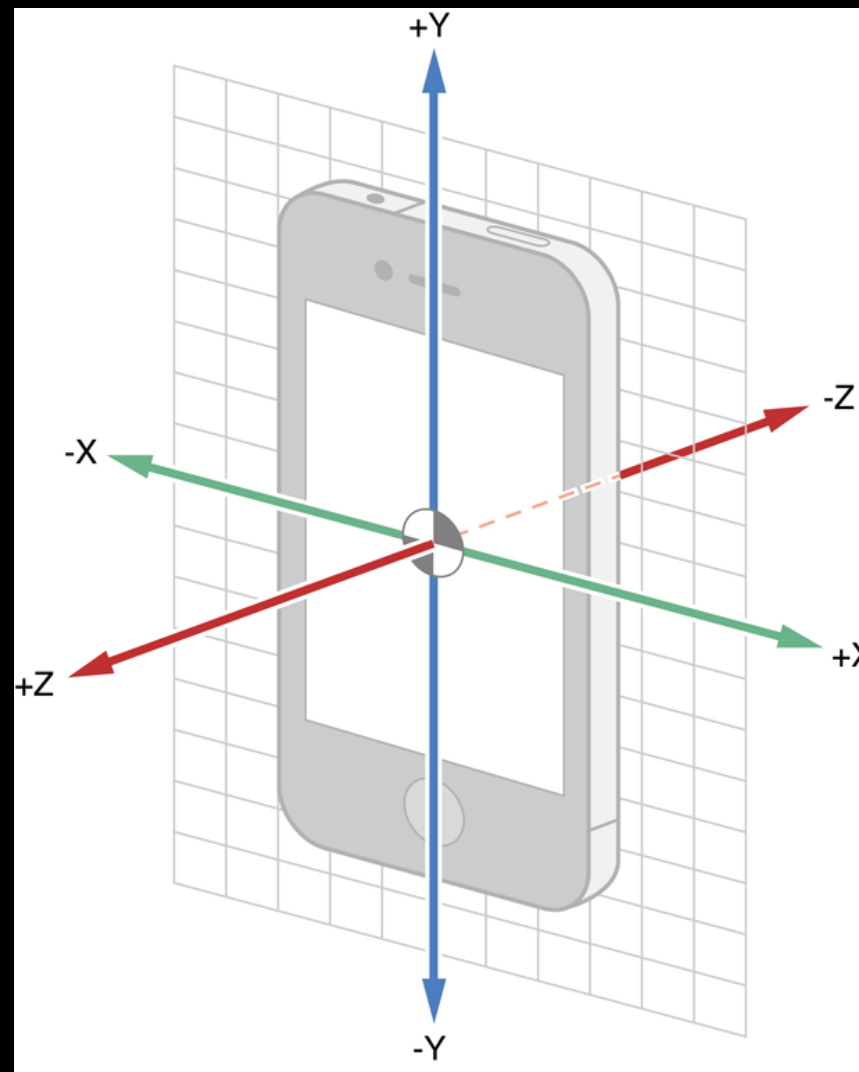
Core Data



CoreGraphics



CoreMotion



CoreImage & CoreAudio



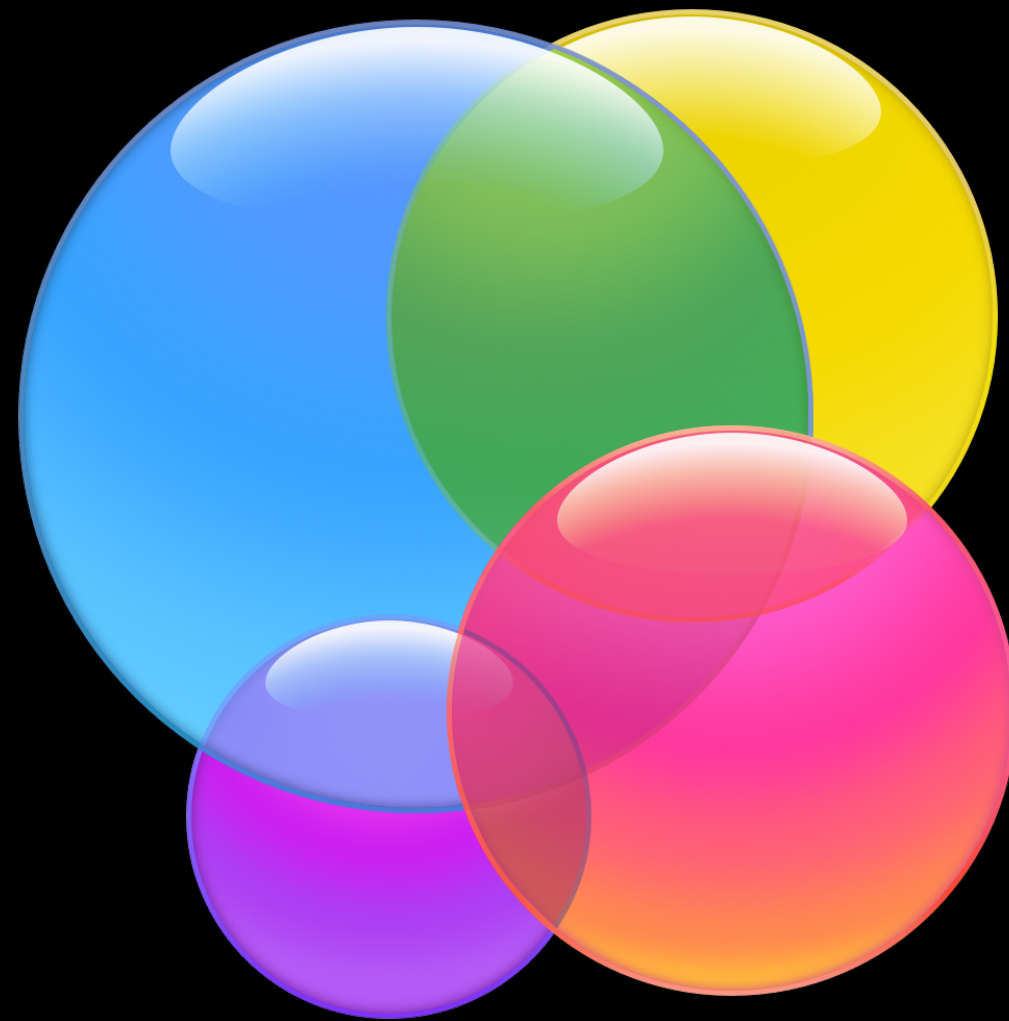
AVFoundation



SpriteKit & SceneKit



GameKit



CoreLocation & MapKit



CloudKit



HealthKit & HomeKit



PassKit



LocalAuthentication



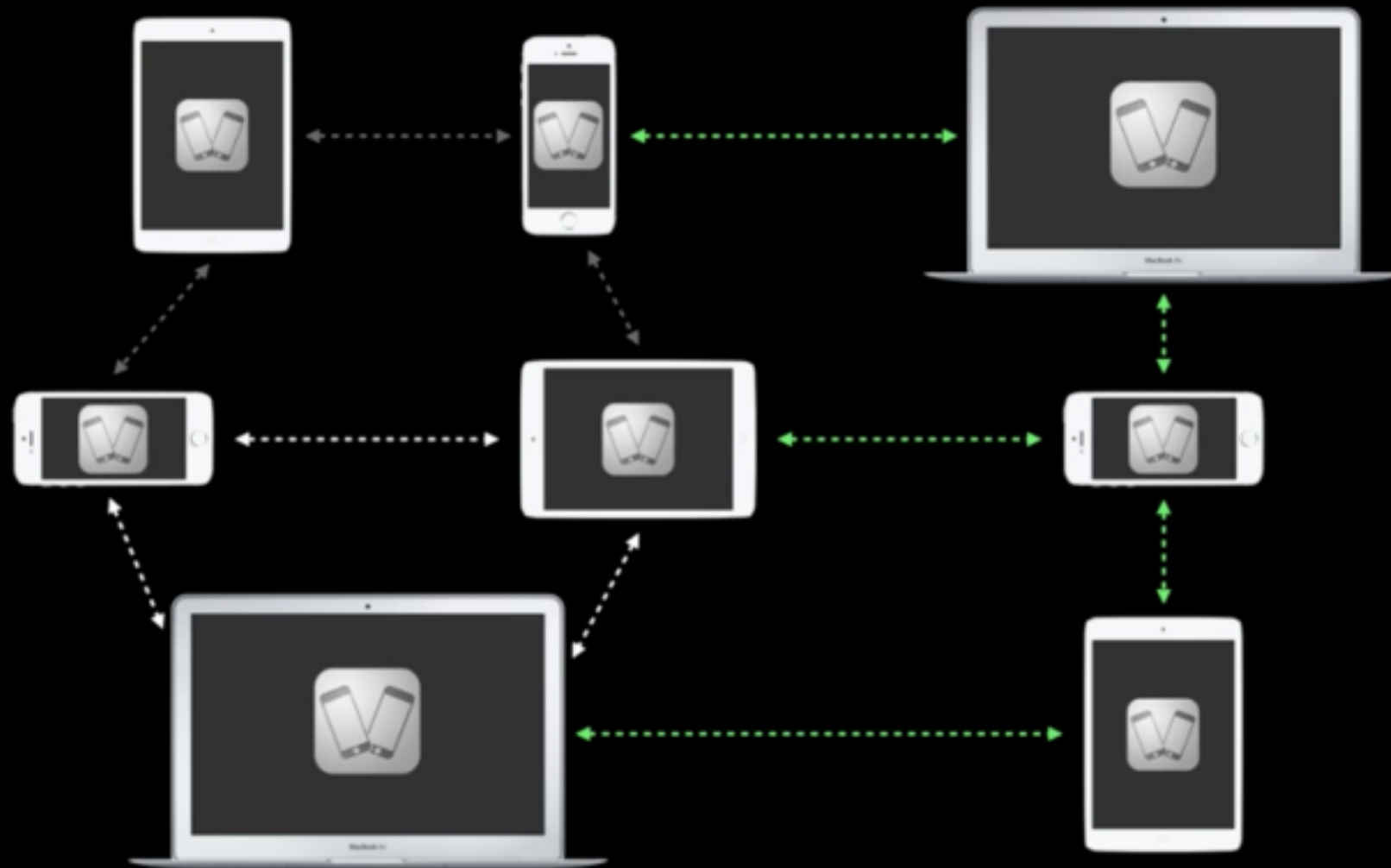
Handoff



MultipeerConnectivity



MultipeerConnectivity



App Extensions



WatchKit



Documentation

Documentation

- Introductory Tutorials
- Human Interface Guidelines
- Framework Guides
- API Documentation

Introductory Tutorials

- [Start Developing iOS Apps Today](#)
- [The Swift Programming Language](#)

HI Guidelines

- [iOS Human Interface Guidelines](#)
- [UIKit User Interface Catalog](#)