Beginning iOS Development

Presented By: David Rodriguez
Mobile Dev NJ Meetup
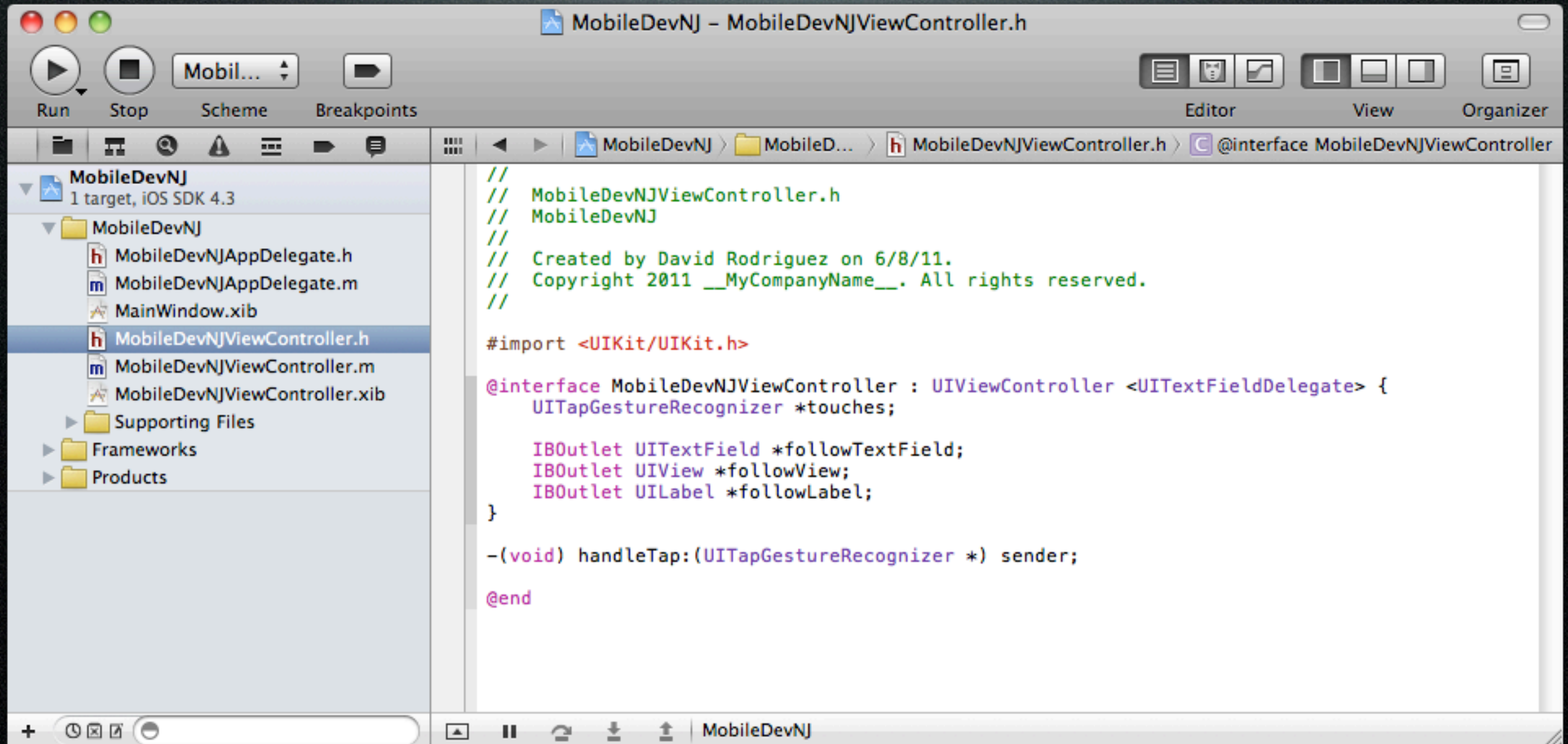
programmerdave.tumblr.com

iPhone App
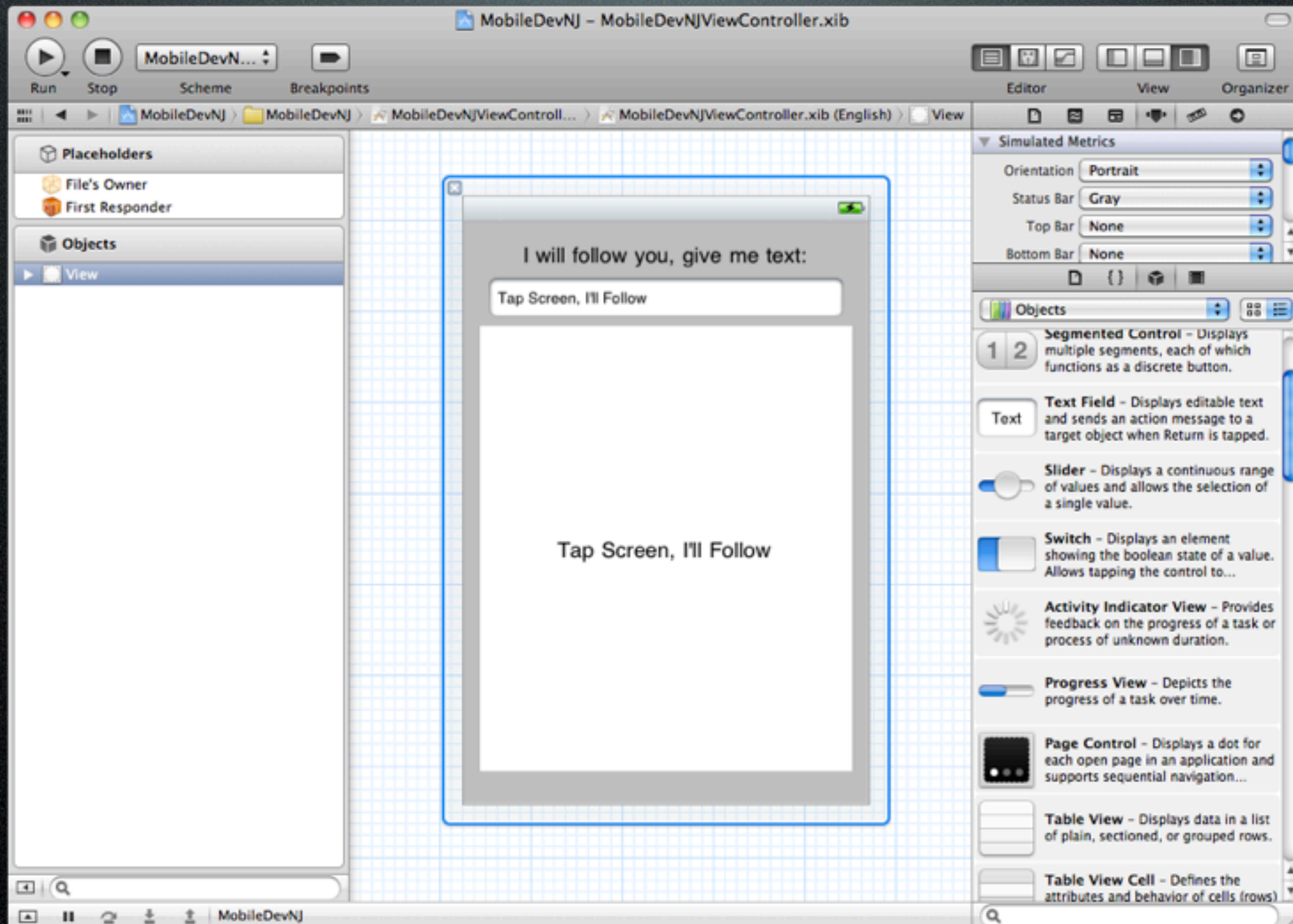
- Touch Handling

- Text Fields & Input

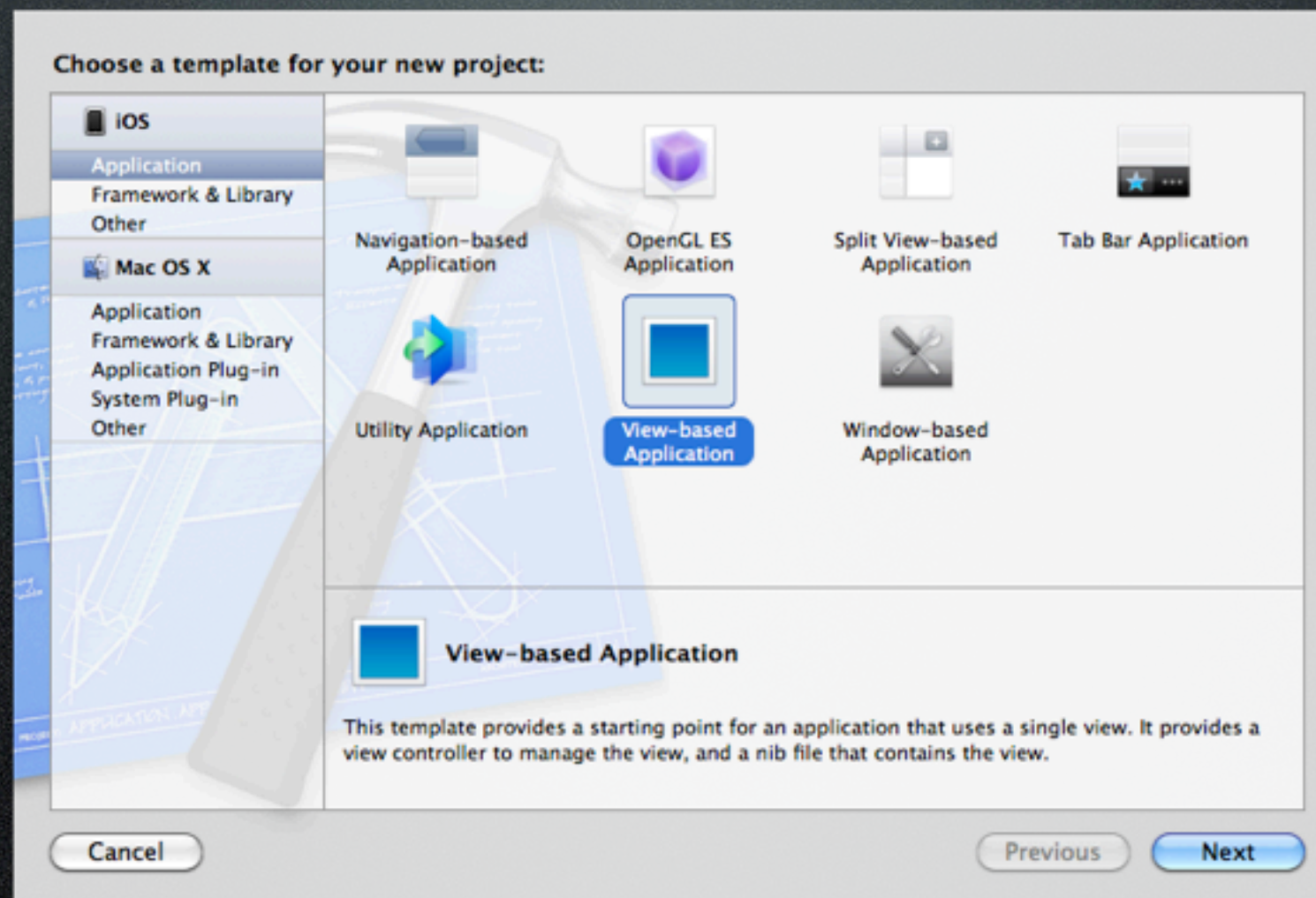- Connecting Interface Builder Objects with Code.

XCode 4

Interface Builder

Beginning

- Use templates to create a new project

- Easiest to use is View Based Application

Important Files Created

- UIApplicationDelegate

- UIViewController

- Nib Files

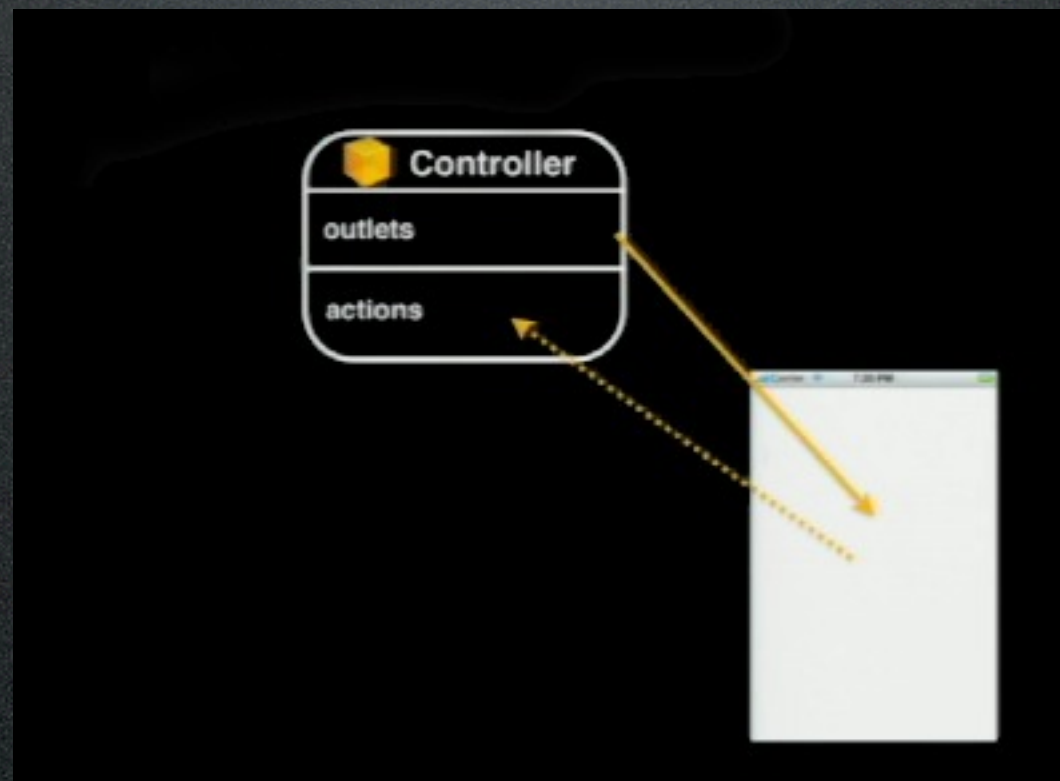- Application Info Property List

MVC - View and Controller

- Controller

  - Application Logic (UIViewController)

- View

  - Displays components user can manipulate or interact with. (Nib Files)

UIApplicationDelegate

- Handles key events in an application's execution.

- Ex: Finished launching, Low Memory, application suspension.

- Sets up initial window and view controller.

UIViewController

- Manages Application Logic

- Communicates with view using IBOutlet(Objects) and IBAction (Methods).

Nib Files

- Views your application can use

- Editable with Interface Builder

- Contain User Interface Objects

- Sends interaction for processing and is updated by the View Controller

- Can have multiple Nib Files (Xib Files are binary)

App Info Property List

- Can customize application settings

- Ex: iPhone icon, splash screens, default orientations

Realtime Demo

Source Code: programmerdave.tumblr.com

Resources

- developer.apple.com/ios

- Stanford Lessons:
  Developing Apps for iOS Fall 2010.
  (FREE Video Lessons on iTunes U)

- QUESTIONS?