Angular Fundamentals
Introduction

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pluralsight
hardcore developer training

Course Agenda

Introduction	**Routing**
Controllers & Markup	**Directives**
Services	**Testing**

Course Conventions

Quizzes

Homework

Module Agenda

What, Why, How

Hello World!

EventReg

Angular JS

MV*

http://gettingreal.37signals.com/ch04_Make_Opinionated_Software.php
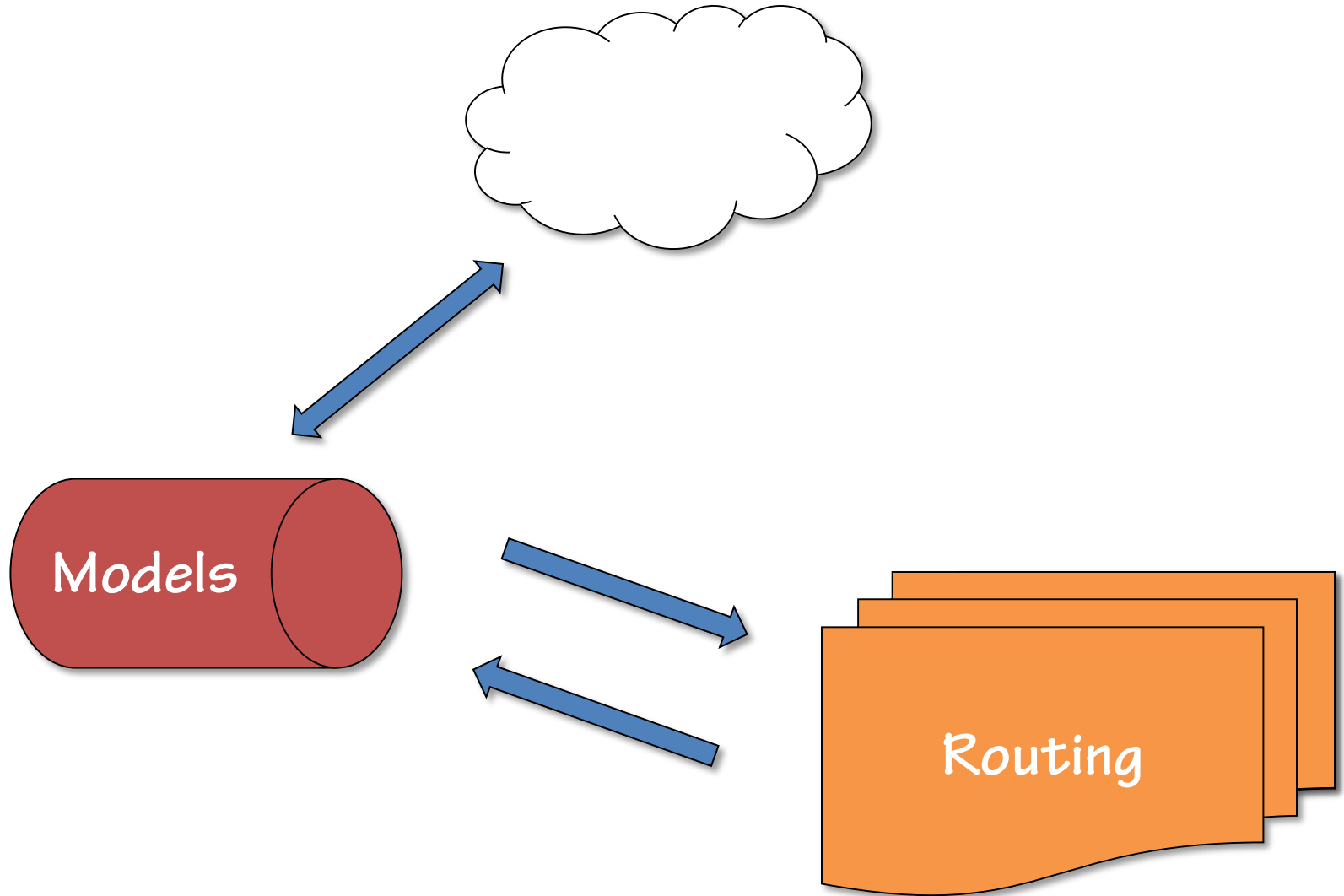
MV* Frameworks

Model

View

**Controller/
Presenter/
ViewModel/
???**

Angular JS

MV*
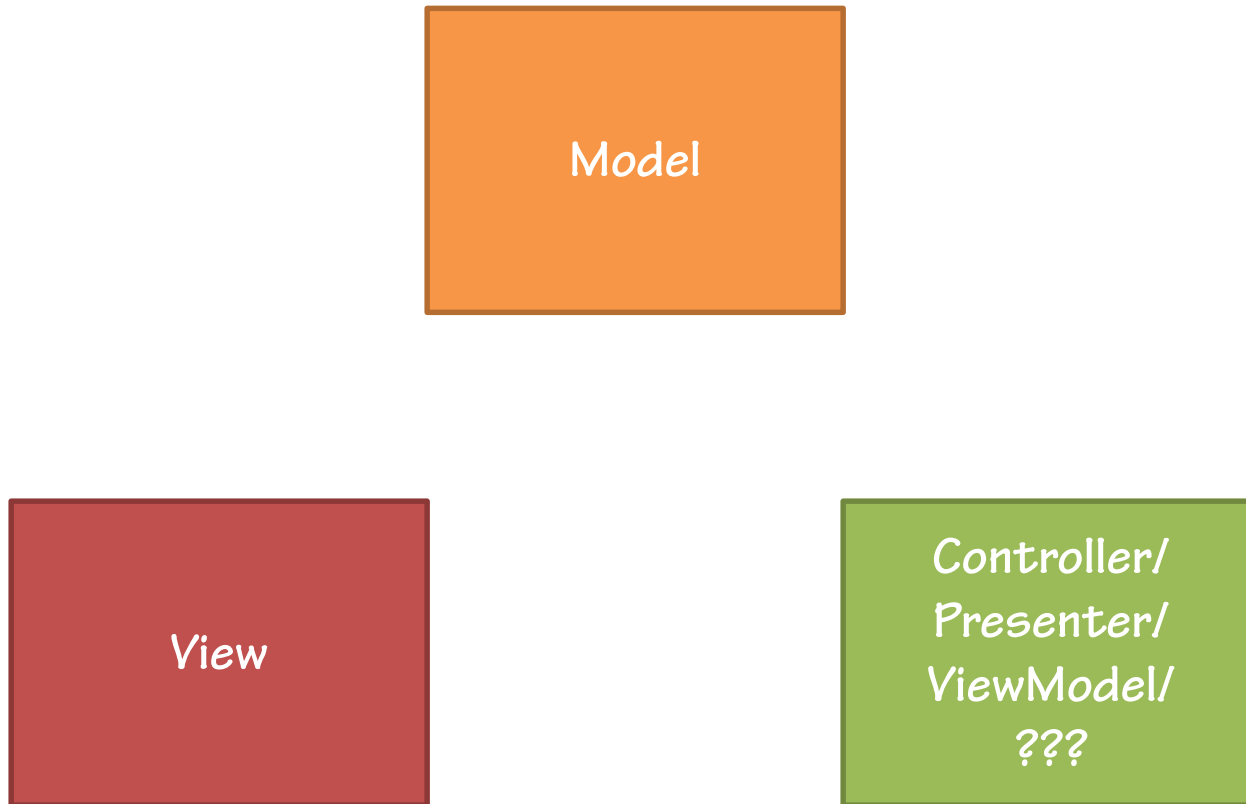
Open Source

Comprehensive

Angular Features

Angular JS

MV*	Open Source
Comprehensive	Testable
Extends HTML Vocabulary	

Extended HTML Vocabulary

```
<input id="username" type="text" focus />
```

```
<multiStateButton id="button1" />
```

```
<userTile id="userTile1" user="currentUser" />
```

Angular JS

MV*	**Open Source**
Comprehensive	**Testable**
Extends HTML Vocabulary	**Forward Thinking**

Forward Thinking

Web Components

http://www.w3.org/TR/components-intro/

Object.observe

http://wiki.ecmascript.org/doku.php?id=harmony:observe

Quiz

Angular thinks of HTML as if it had been designed to do what?

Build applications instead of documents

What kinds of tests does angular support?

Unit tests and end to end tests

Name one of the ways that angular is forward thinking

Web Components / Object.observe
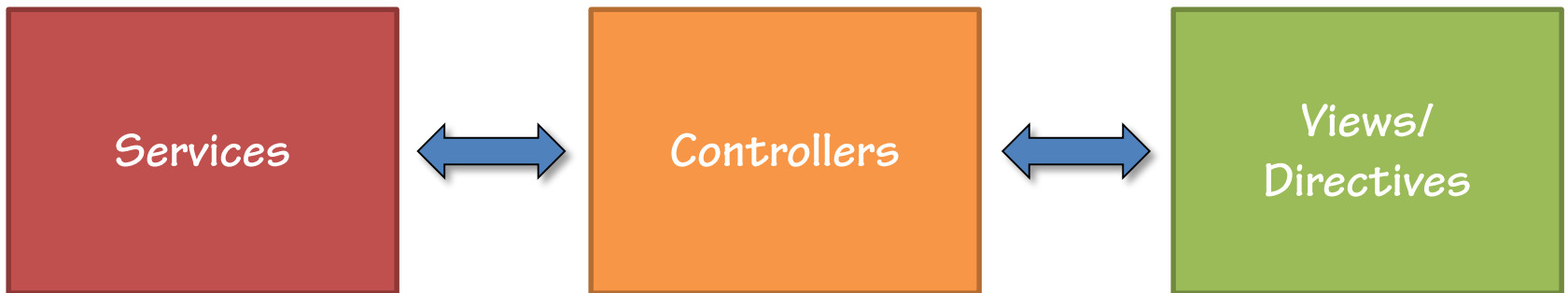
Angular Architecture

Two Way Binding

Dirty Checking

Dependency Injection

http://en.wikipedia.org/wiki/Dependency_injection

Angular Components

| Services | ⟷ | Controllers | ⟷ | Views/ Directives |

Quiz

What is the central component in an angular application?

The Controller

Directives are part of which component?

Views

In which component should you put your complex business logic?

Services

Angular EventReg

List of Angular Events	**Event Details**
Create New Events & Sessions	**Edit Events & Sessions**
Login	**Server**

Events

Angular Code Camp

Date: 03/15/2013
Time: 9:00am - 5:00pm
Location: 123 Wall St
          New York, NY

Angular Hack Night

Date: 03/16/2013
Time: 4:00pm - 8:30pm
Location: 42 Wallaby Way
          Sydney, AU

angular fall retreat

Date: 9/1/2013
Time: 10am
Location: 123 fake st
          Los Angeles, CA

Angular Version

1.0.5

Update for 1.4

Command Shell

Bash Shell

Code Editor

Webstorm

Web Server

| Browser | ⟷ | Web Server | ⟷ | Hard Disk |

https://github.com/joeeames/AngularFundamentalsFiles

Summary

MV*

Benefits

Event Reg