

# Angular Fundamentals

## Introduction

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[www.pluralsight.com](http://www.pluralsight.com)



# Course Agenda

Introduction

Routing

Controllers & Markup

Directives

Services

Testing

# Course Conventions

Quizzes

Homework

# Module Agenda

What, Why, How

Hello World!

EventReg

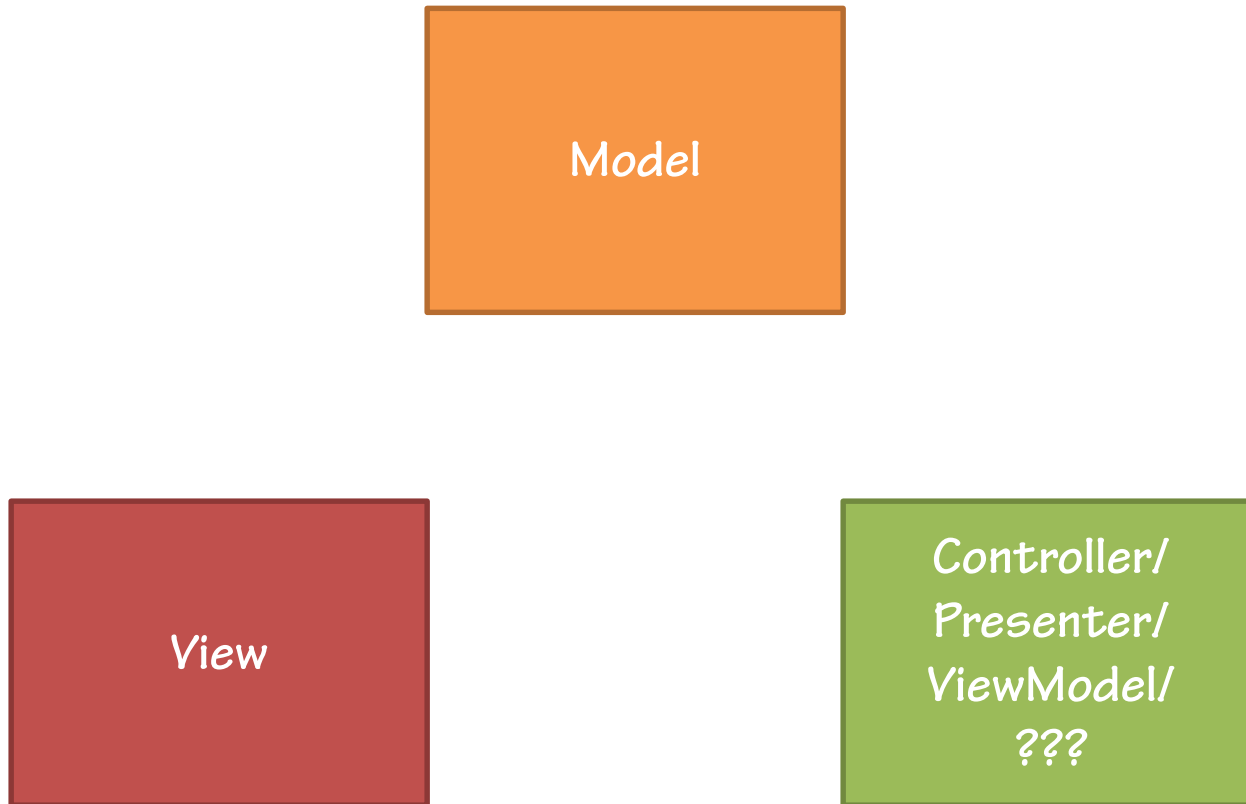
Angular Seed

# Angular JS

MV\*

[http://gettingreal.37signals.com/ch04\\_Make\\_Opinionated\\_Software.php](http://gettingreal.37signals.com/ch04_Make_Opinionated_Software.php)

# MV\* Frameworks



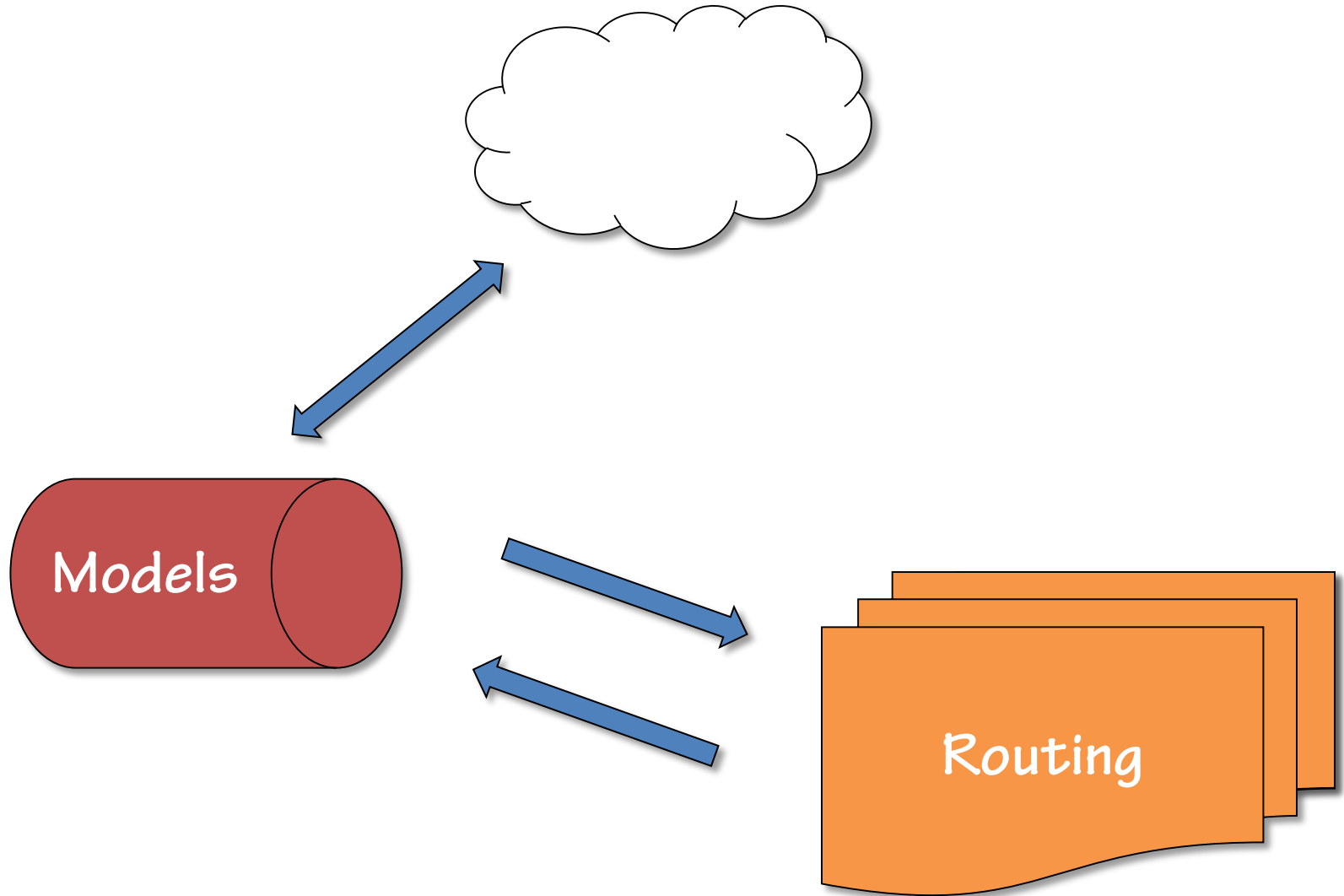
# Angular JS

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](http://en.wikipedia.org/wiki/Dependency_injection)

# Angular Components



# 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 EventReg

List of Angular Events

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# Angular Seed

Starting Point

Basic Organization

Server

<https://github.com/angular/angular-seed>

# Quiz

**When would you not want to use angular Seed?**

**Pre-existing app or large app**

**Which directory contains the files you will customize?**

**app**

**Which file would you change to run the server on port 9000?**

**web-server.js**

# Summary

**MV\***

**Benefits**

**Event Reg**

**Angular Seed**

# Summary