

Angular Fundamentals

Introduction

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Course Agenda

Introduction

Routing

Controllers & Markup

Directives

Services

Testing

Course Conventions

Quizzes

Homework

Module Agenda

What, Why, How

Hello World!

EventReg

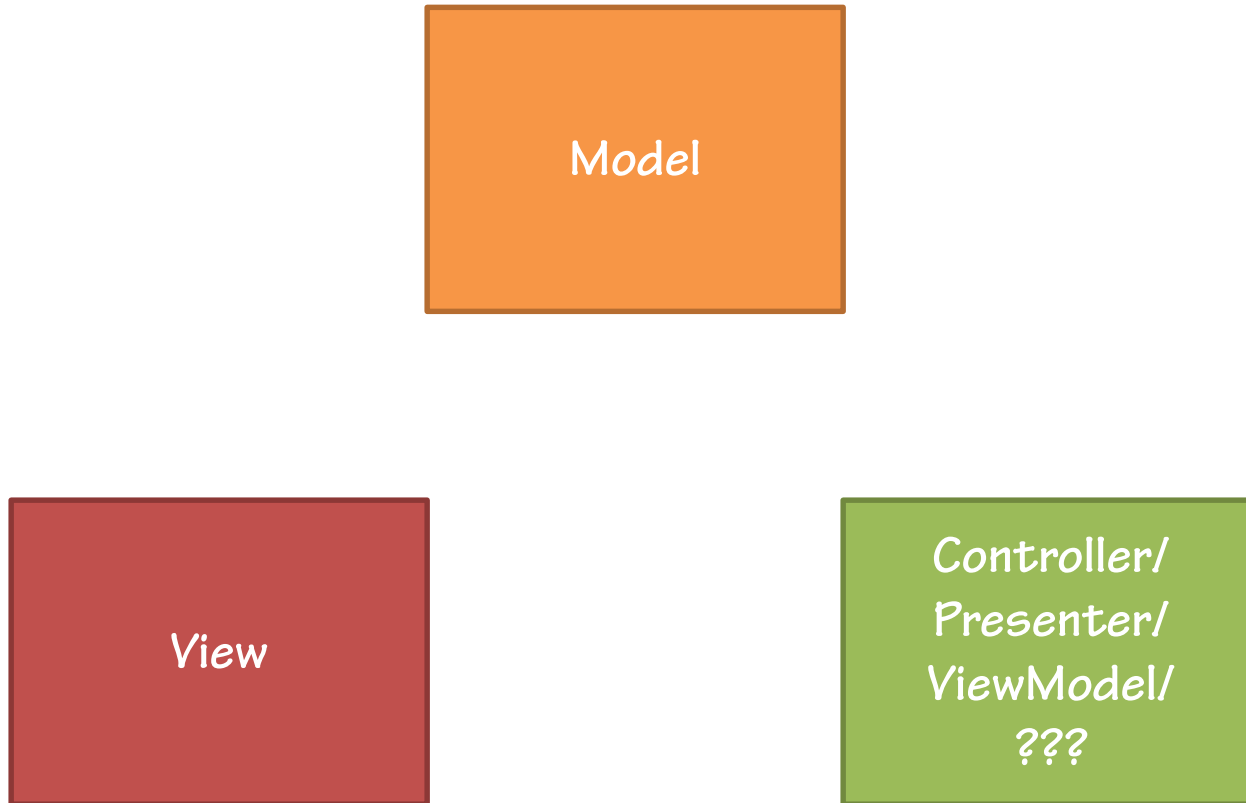
Angular Seed

Angular JS

MV*

http://gettingreal.37signals.com/ch04_Make_Opinionated_Software.php

MV* Frameworks



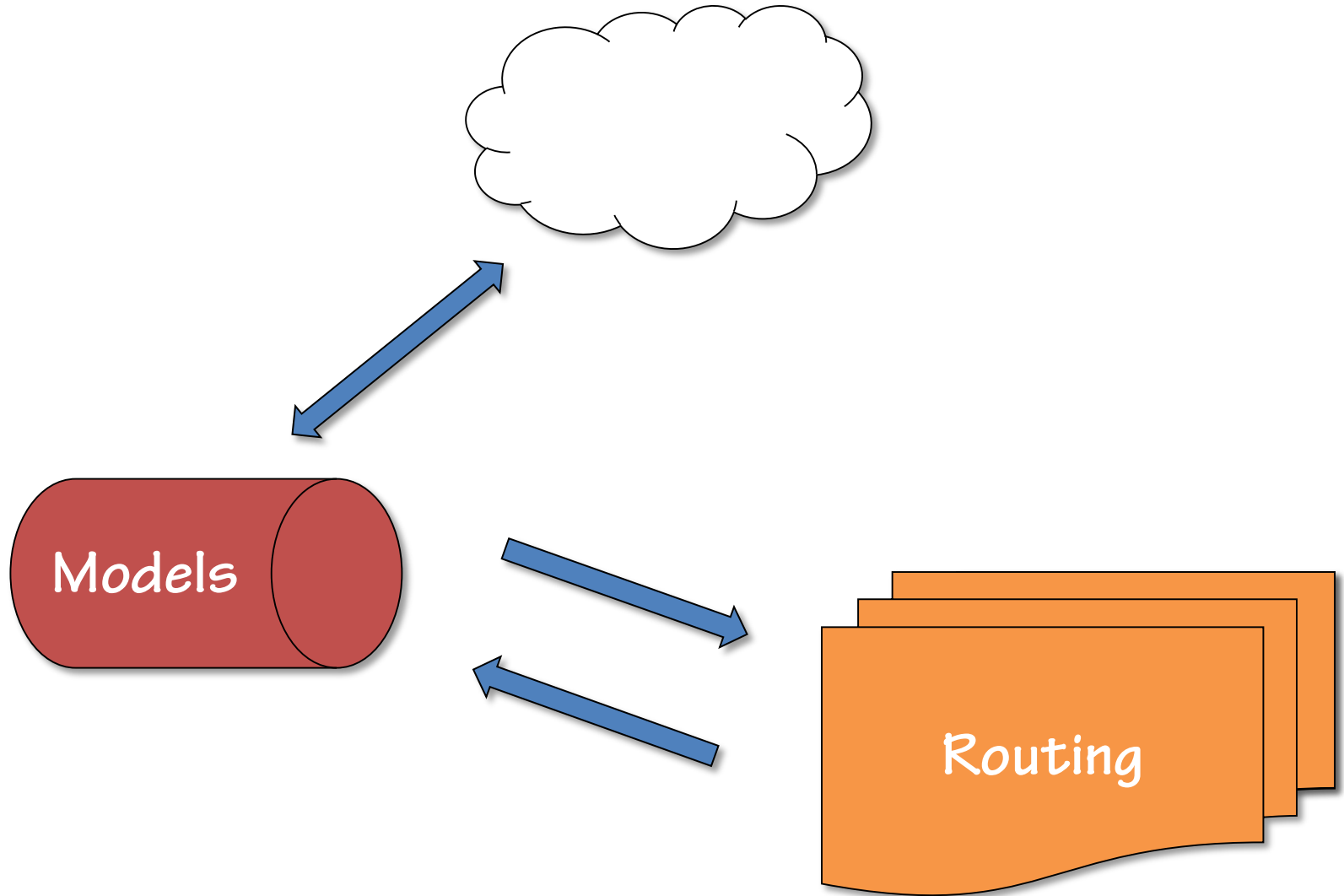
Angular JS

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

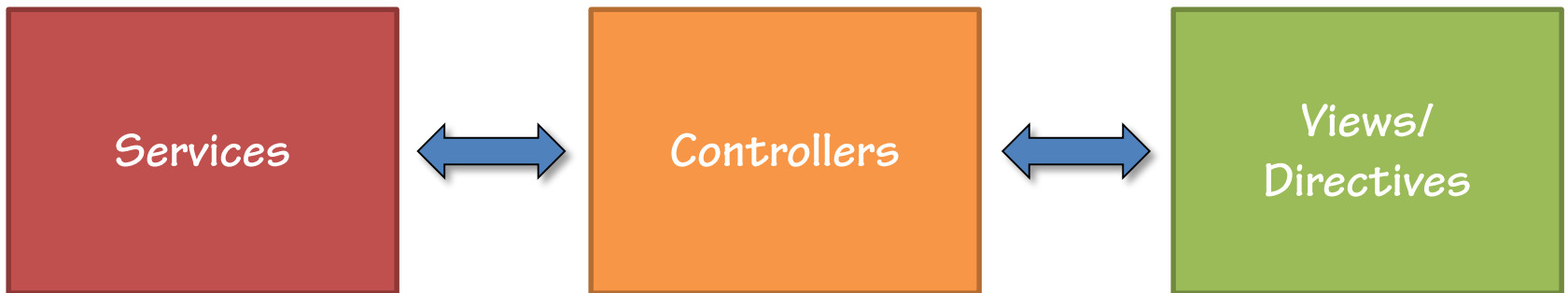
Two Way Binding

Dirty Checking

Dependency Injection

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

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 Version

1.0.5

Update for 1.2

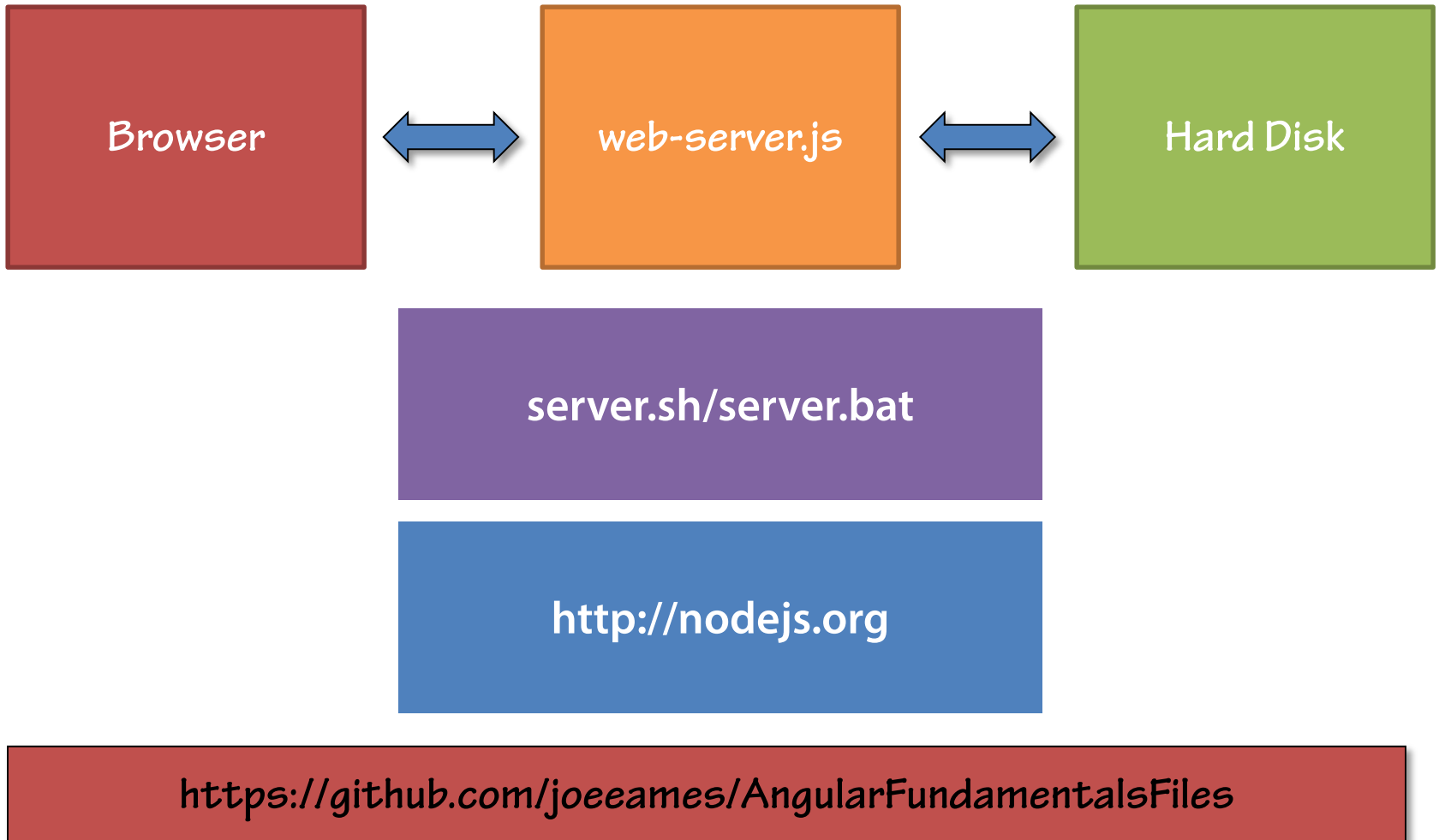
Command Shell

Bash Shell

Code Editor

Webstorm

Web Server



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