AngularJS 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 JS

MV*

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

MV* Frameworks

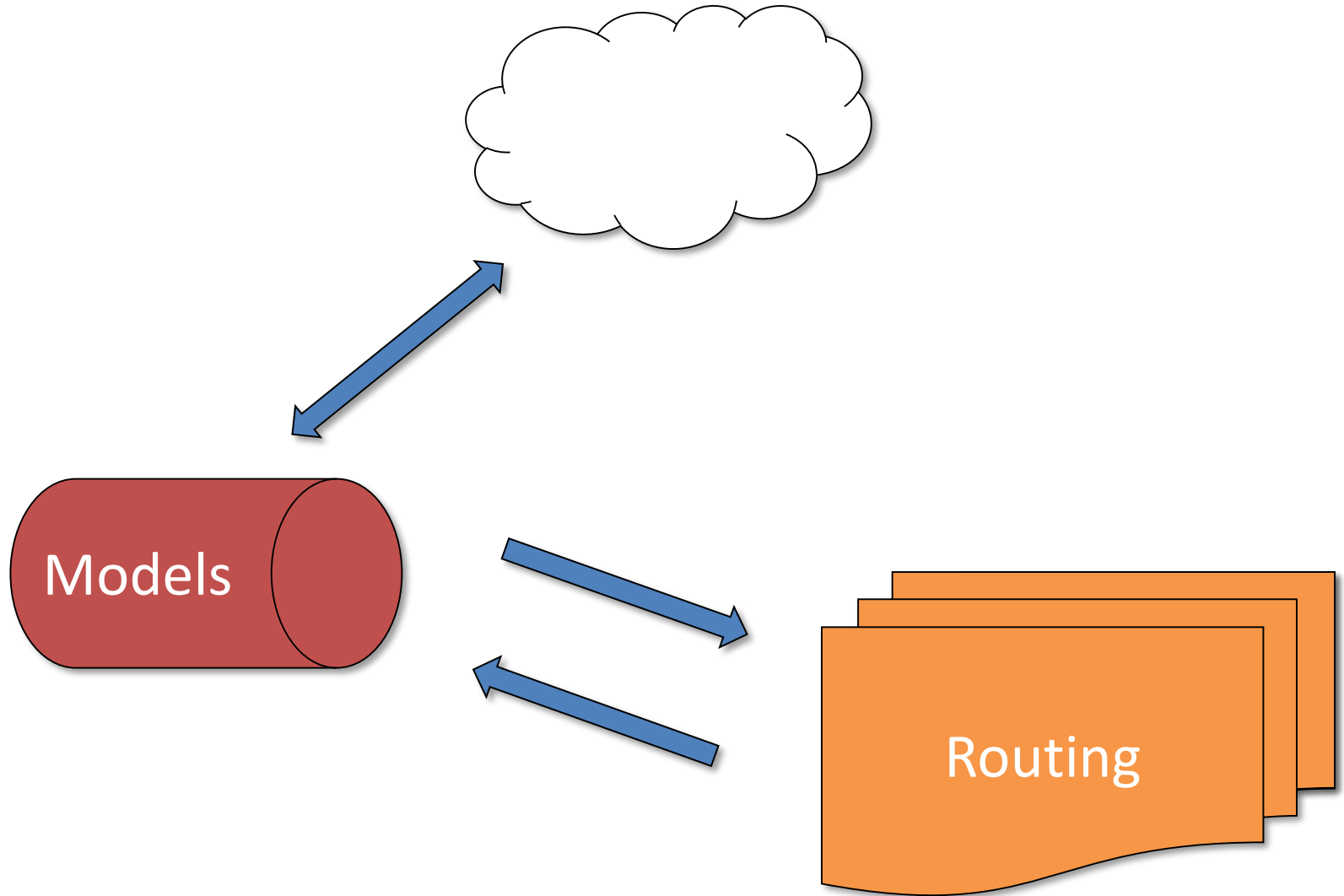Model

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
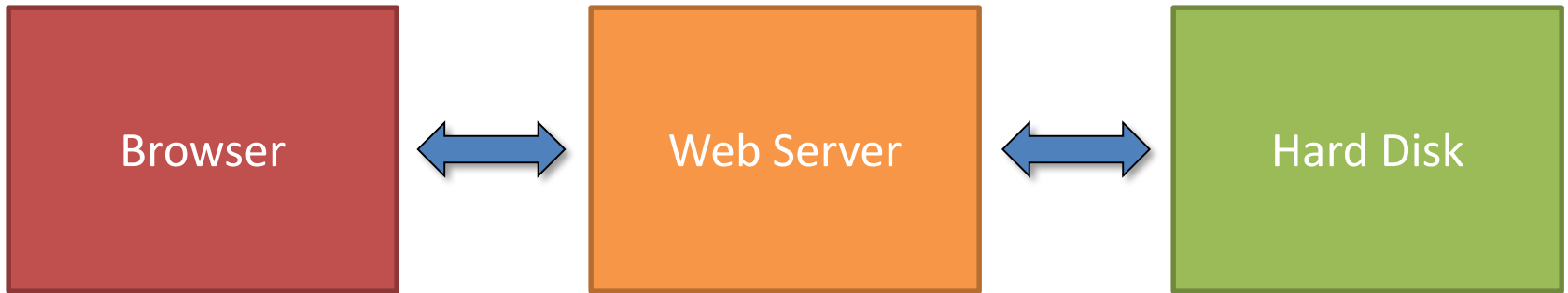
Angular Version

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