Building Apps with AngularJS and Breeze Part 1

Creating Vertical Slice Through Your App

John Papa
http://johnpapa.net
Twitter: @john_papa

pluralsight
hardcore developer training

Code Camper

Created by John Papa Breeze AngularJS

Dashboard

Admin

Sessions

Nav

Refresh + Add Session

Sessions (120)

Sat 09:00 am at Aqueduct

Keynote

Scott Guthrie

Keynote

Data

Intermediate
.NET
KEY001

Sat 10:10 am at Rome

Knockout and MVVM

Colleen Papa

JavaScript, Knockout, MVVM, HTML5, Web

Beginner
JavaScript
JVS300

Sat 10:10 am at Venice

SPA JumpStart with Durandal

John Papa

JavaScript, Knockout, MVVM, HTML5, Web, Durandal

Beginner
JavaScript
JVS307

Sat 10:10 am at Madrid

Rich Data for JavaScript Apps is a Breeze

Ward Bell

Data, JavaScript, Web

Beginner
JavaScript
JVS121

What Are Our Goals?

Add a View

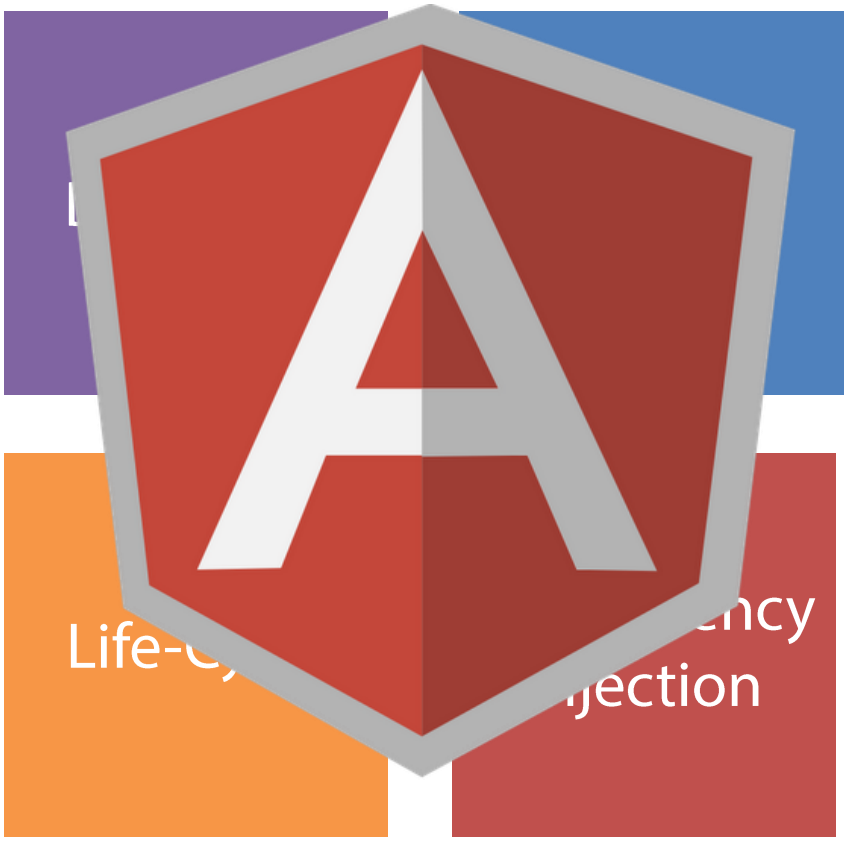
Show It

Get Data

Do It Right

Breeze

Take Advantage of Angular



Bindings

Link View to Controller

```
<section data-ng-controller="sessions as vm">
```

Bind to Controller's Members

```
<div data-ng-repeat="s in vm.sessions"
     data-ng-click="vm.gotoSession(s)">
```

Directives

```
<div data-cc-widget-header title="{{vm.title}}"></div>
```

Remove UI Interaction from Controller

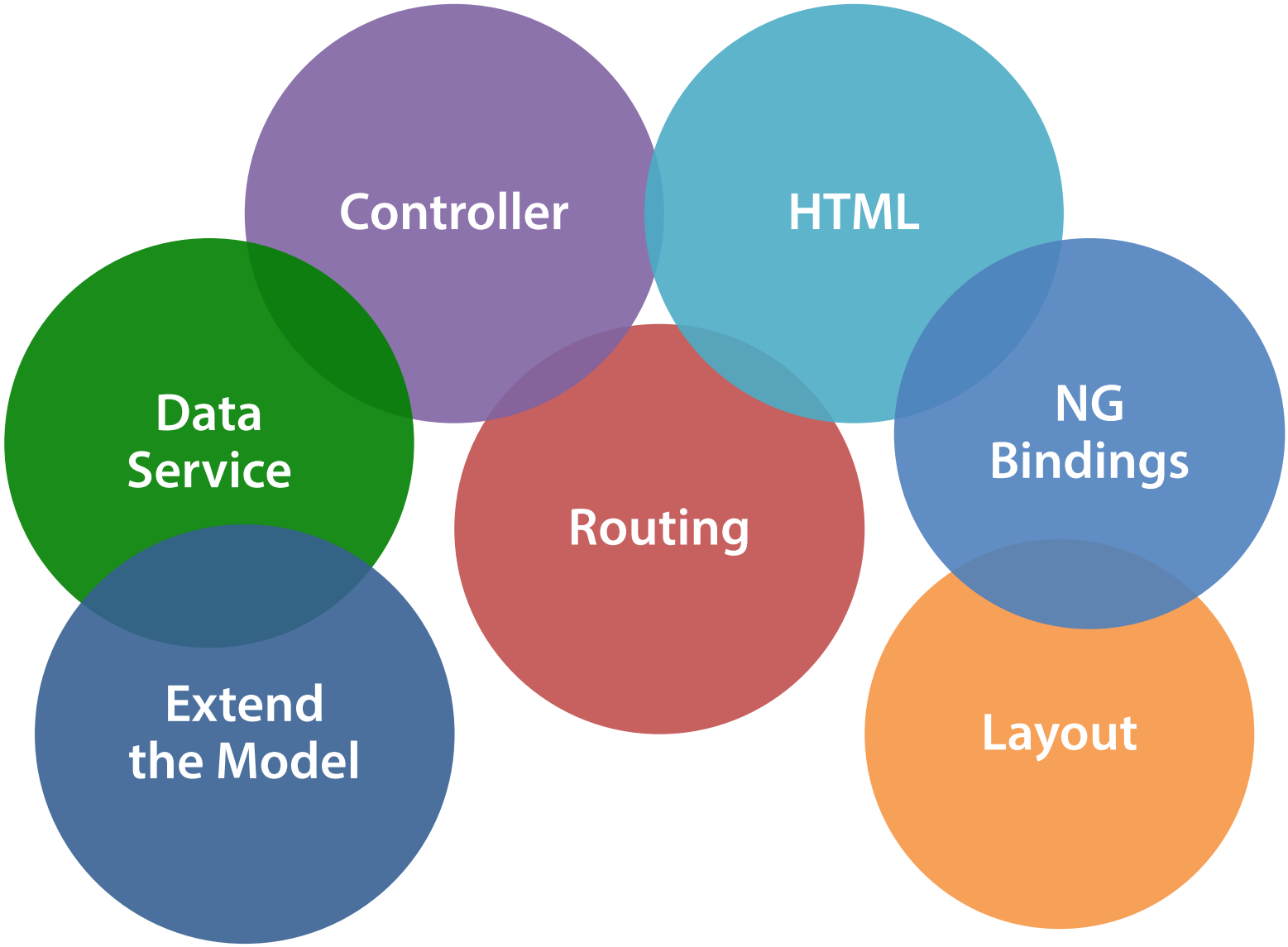
Simplify HTML

Promote Code Re-Use

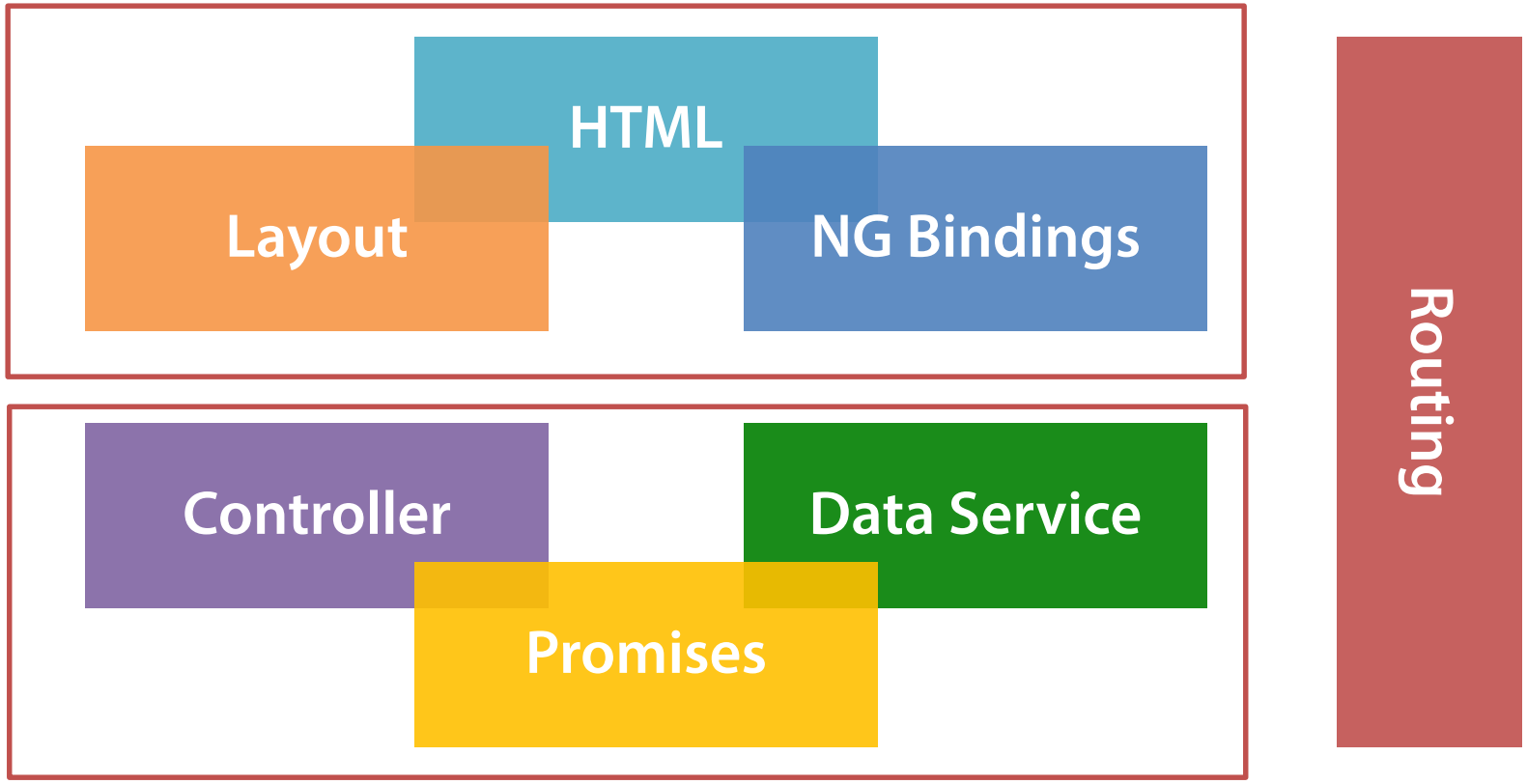
```
app.directive('ccWidgetHeader', function() {
    var directive = {
        link: link,
        scope: {
            'title': '@'
        },
        templateUrl: '/app/layout/widgetheader.html',
        restrict: 'A'
    };
    return directive;

    function link(scope, element, attrs) {
        attrs.$set('class', 'widget-head');
    }
});
```

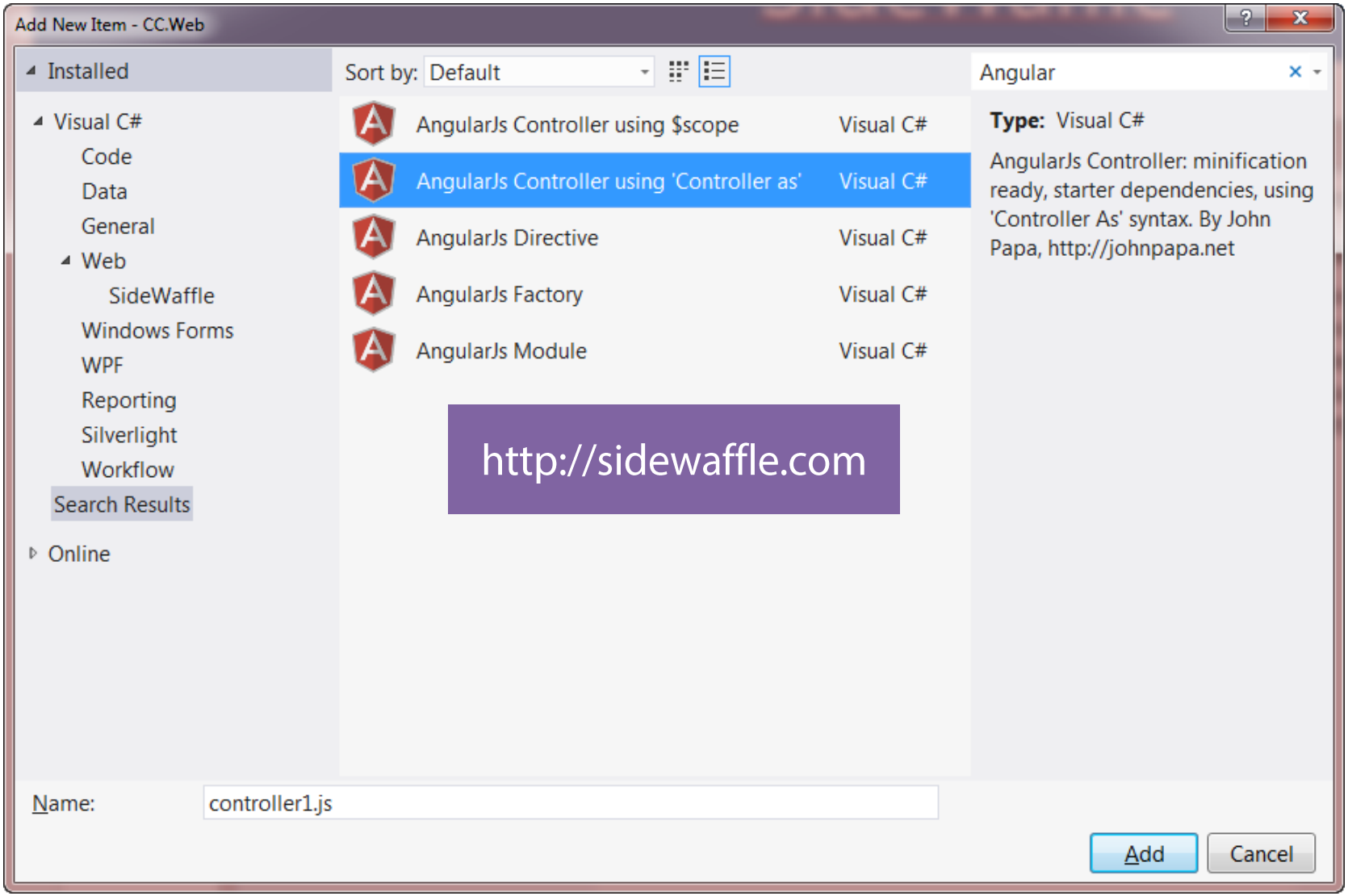
Adding a View



Cut a Slice Through Presentation Layer



SideWaffle


Add New Item - CC.Web
Installed
Visual C#
Code
Data
General
Web
SideWaffle
Windows Forms
WPF
Reporting
Silverlight
Workflow
Search Results
Online
Sort by: Default
AngularJs Controller using $scope Visual C#
AngularJs Controller using 'Controller as' Visual C#
AngularJs Directive Visual C#
AngularJs Factory Visual C#
AngularJs Module Visual C#
http://sidewaffle.com
Angular
Type: Visual C#
AngularJs Controller: minification ready, starter dependencies, using 'Controller As' syntax. By John Papa, http://johnpapa.net
Name: controller1.js
Add
Cancel

More to Come

Related Data

Directives

Extend the Model

Do It Right