

MVC is
Cool



Introduction to AngularJS

A super-heroic JavaScript Framework

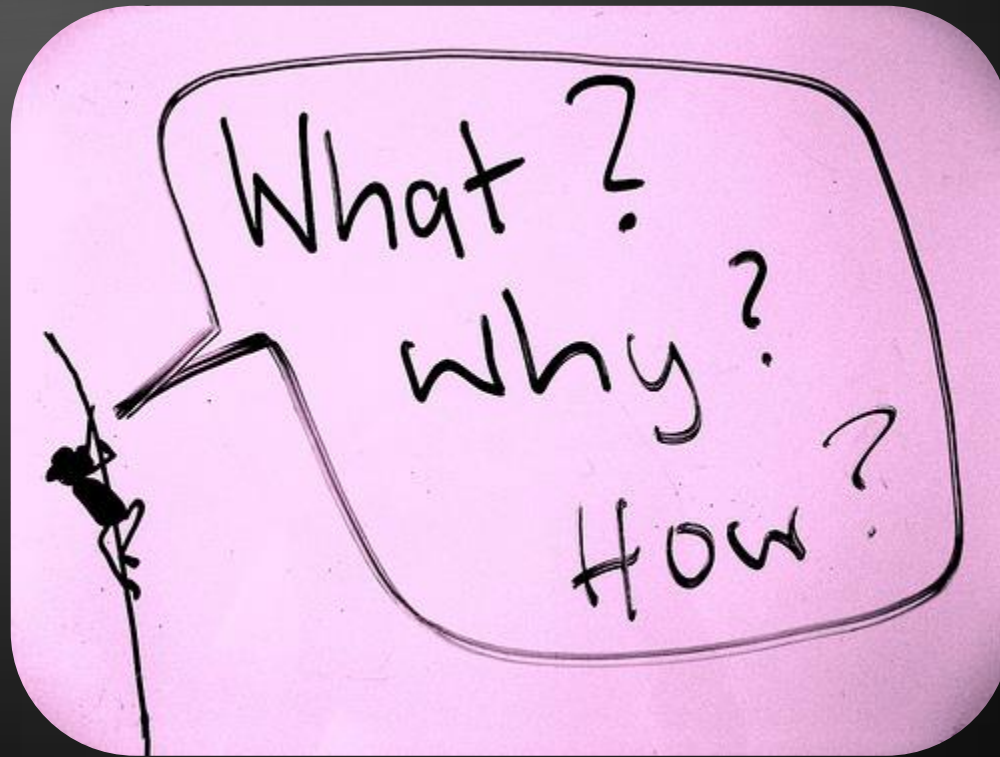
Telerik Software Academy
Learning & Development Team
<http://academy.telerik.com>



ANGULARJS
by Google

- ◆ What, why, who and how?
- ◆ Resources
- ◆ Hello World application
- ◆ Where to start – Angular Seed
- ◆ Modules and ngApp

What, why, who and how?



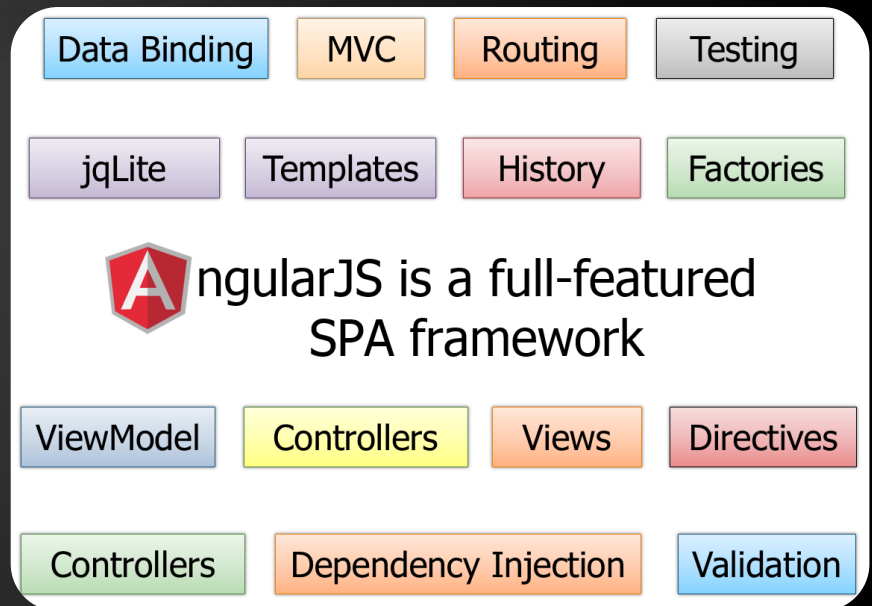
What, why, who and how?

- ◆ **MV*-based JavaScript framework**
 - ◆ **Model** – represents data
 - ◆ **View** – represents information to the user
 - ◆ ***** - can be controller, presenter, view model

What, why, who and how?

◆ Angular JS features:

- ◆ MV*
- ◆ Open Source
- ◆ Comprehensive
- ◆ Testable
- ◆ Extends HTML
- ◆ Forward Thinking



What, why, who and how?

- ◆ Angular JS architecture:

- ◆ Two-way binding
- ◆ Dirty checking
- ◆ Dependency injection

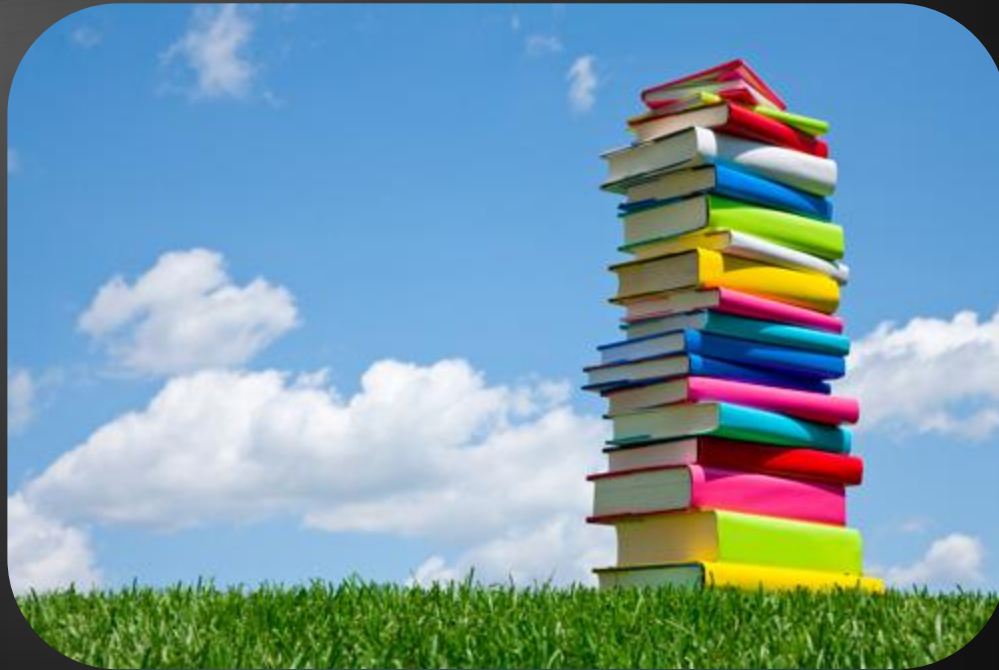
- ◆ Angular components

- ◆ Services
- ◆ Controllers
- ◆ Views / Directives



our services

Resources



- ◆ <http://angularjs.org/>
- ◆ <http://docs.angularjs.org/api>
- ◆ <https://github.com/jmcunningham/AngularJS-Learning>
- ◆ http://fastandfluid.com/publicdownloads/AngularJSIn60MinutesIsh_DanWahlin_May2013.pdf
- ◆ <https://www.youtube.com/watch?v=igMHigUZKEM>

Hello World Application

Live Demo

- ◆ We will use:
 - ◆ AngularJS 1.3.0-rc.2 (latest version)
 - ◆ Command Prompt (for server purposes)
 - ◆ WebStorm (you can use any IDE)
 - ◆ NodeJS (server-side technology)



- ◆ **What is Angular Seed:**
 - ◆ Official starting point template
 - ◆ Works for small startup applications
 - ◆ It has good organization and architecture
 - ◆ Comes with basic server (NodeJS)
 - ◆ Get it from:
<https://github.com/angular/angular-seed>

Angular Seed Modification

- ◆ **Modify Angular Seed**
 - ◆ Remove not-needed files
 - ◆ Add jQuery, UnderScore.js, Bootstrap
 - ◆ Get server ready
 - ◆ Add folder for Controllers, Directives, etc.

Modules and ngApp



◆ Modules

- ◆ Like different applications
- ◆ Used only where needed in the HTML

```
// JavaScript  
var myApp = angular.module('myApp', ['dep_1', 'dep_2']);
```

```
// HTML  
<div ng-app="myApp">  
  <div ng-controller="myController">  
    <h1>{{header}}</h1>  
  </div>  
</div>
```

Questions?

