

Agenda

1. Angular Overview, SPA, MVC
 1. index.html – just a loader (javascript and css), and a placeholder for the "view"
 2. templates – html partials for pages or other pieces
 3. modules – use IIFE
 1. app.js – app module is just an angular module loaded into **ng-app**, list all module dependencies, states/routes and app settings.
 2. controllers – ui-related javascript: data to display in template, ui functions. **Re-loaded & ran every use.**
 3. services – back-end javascript: everything but ui/controller code. **Loaded once, data is persistent** (until browser refresh).
 4. directives – create your own custom directives (widgets), or use 3rd party directives
 5. filters – create custom formatting filters
2. [ngBootSeed](#), basic app with ui-router for navigation, best practices for module structure
3. Bootstrap UI (or Angular Material)
4. Router, Controllers, Services (& Factories) – [ngToDo](#)
5. Angular directives

A directive is essentially a new HTML element or attribute (<date-picker> or <div date-picker>)

 1. ng-app
 2. ng-controller
 3. ng-bind, ng-model
 4. ng-if, ng-show, ng-hide
 5. ng-click
 6. ng-class
 7. so many more: <https://docs.angularjs.org/api/ng#directive>, <http://dolthead.github.io/ngDirectives/>
6. Angular services
 1. \$location
 2. \$scope, \$rootScope
 3. \$http

Resources

<https://angularjs.org/>

Excellent Angular intro, free: <http://campus.codeschool.com/courses/shaping-up-with-angular-js/intro>
Great Intro on YouTube (1:12:55): <https://youtu.be/l-Vm4q4ioBw>

Best practices: <https://github.com/johnpapa/angular-styleguide>

Best practices on PluralSight: <https://app.pluralsight.com/library/courses/angular-best-practices/table-of-contents>

ng-conf videos: <https://www.youtube.com/user/ngconfvideos>

ng-conf: <https://www.ng-conf.org/>

Third-party modules/widgets: <http://ngmodules.org/> (don't reinvent the wheel)

Basic Angular/Bootstrap* sample app: <https://github.com/MountainlandWEB/ngBootSeed>

hosted at: <http://mountainlandweb.github.io/ngBootSeed>

(* Bootstrap is a UI toolkit, like jQueryUI: <http://getbootstrap.com/components/>)

ngToDo app: <https://github.com/dolthead/ngToDo>

hosted at: <http://dolthead.github.io/ngToDo>

Chrome debugger: <https://chrome.google.com/webstore/detail/angularjs-batarang-stable/niopocochgahfkiccpjmmmpchncjoapek?hl=en-US>

AngularJS Meetup TONIGHT: <http://www.meetup.com/AngularJS-Utah/events/226023776/>

At Adobe, 6-7pm, Tues 1/12. Dinner provided