

AngularJS

Curriculum

AngularJS Fundamentals

- Versions
- An Angular Application
- Modules
- Creating a Module
- Two Way Binding
- Demo: Two Way Binding

Controllers

- Introduction
- Controller Basics
- Scope
- using \$rootScope
- The Capabilities
- Demo: Controllers

Built-in Directives and Views

- Introduction
- ng-model
- ng-click
- ng-repeat
- Filters
- ng-show and hide
- ng-include
- Directives!
- Demo Handling Events
- Validation
- Summary

Filters

- Filters
- Built-in Filters
- Writing Custom Filters

Services

- Introduction
- Service Roles
-

- Diff between Factory and Service
- Introduction to Built-In Angular Services
- Using Angular's Service
- Using inbuilt Services (\$http, \$resource, \$cacheFactory, \$compile, \$parse, \$timeout, \$filter, \$cookieStore, \$interval)
- Using \$http Promises
- Overview of Less Common Angular Services

Angular Routing

- Introduction to Angular Routing
- What is Routing?
- Routing With Angular
- Single Page Applications
- Adding Your First Angular Route
- More Routing and Browser History
- Creating a Default Route
- Accessing Parameters from the Route
- Using Angular's \$route Service
- Enabling HTML5 Routing
- Template and Resolve Properties
- Using Angular's \$location Service
- using ui-route and \$state service

Creating Custom Angular Directives

- Introduction to Angular Directives
- Creating Your First Angular Directive
- Isolating Directive Scope
- Handling Events with Directives
- Using Controllers within Directives
- Using Require with Nested Directives
- Understanding Transclusion
- Using Compile to Transform the DOM

Other

- using \$broadcast and \$on
- using \$q service
- ealistic rendered views and simple walkthroughs

