



AngularJS Training

AngularJS Training Topics

Chapter 1: Introduction:

- What is Angularjs ?
- History of Angularjs ?
- Features and benefits of AngularJS.
- Concepts of MVC Architecture.
- Difference between AngularJs and JQuery.

Chapter 2: Structure of AngularJs

- Overview of Library Files.
- Configuring the Library Files.
- Bootstrapping the Web Apps by using ng-app.
- Extending HTML DOM with additional attributes.
- Creating Contollers.

Chapter 3: Main Blocks of AngularJs:

- Understanding **\$scope**.
- Attaching \$scope with Controller.
- Exploring Contoller properties and methods.
- Overview of Directives.
- Overview of Services.

Chapter 4: Construction an Interactive User Interface

- Understanding One way and **Two way Data Binding**.
- Attaching Directives to the HTML.
- Implementing AngularJs expressions in HTML.
- Repeat the data using ng-repeat.
- Overview of **Filters**.
- Applying Filters in results.



Chapter 5: Integrating Forms with AngularJs

- Attaching forms and their elements with Controller.
- Binding Form Elements to the Controller.
- Understanding List of AngularJs form Expressions.
- Exploring different types of Form Validations.
- Styling with Angular CSS classes.

Chapter 6: Dependency Injection

- Overview of Dependency Injection.
- Dependency Annotation.
- Overview of Module.

Chapter 7: Building Blocks of AngularJs

- Overview of Routing.
- Overview of Services.
- Overview of Factory.
- Overview of Providers.
- Overview of Constants and Values
- Creating Custom Directives, Filters, Services, Providers and Factories.

Chapter 8: Routing

- Dividing templates into multiple views.
- Implementing Route Provider.
- Attaching ng-view in templates.
- Mapping URLs to the templates.

Chapter 9: \$http communication service and JSON

- Exploring CRUD operations with \$http service.
- List of \$http methods.
- Sending/Receiving JSON data to/from the Web Service.
- Converting JSON data into JavaScript Objects.

Chapter 10: List of AngularJs default Functions.