ADVANTO
SOFTWARE

Angular JS Course Content

Introduction

- Introduction To Client Side Scripting Languages
- Basics of JavaScript and jQuery
- Introduction to Angular JS
- Angular JS History
- Why should we use Angular JS?

Execution flow

Controllers

- Properties, Methods
- Binding controllers with views
- Controller hierarchy
- Sharing data between controllers

Bootstrapping Angular APPS

- Auto bootstrap
- Custom bootstrap

Data Binding

- Binding Model Objects
- Model Objects Visibility
- Scope
- Root Scope
- Difference between scope & root Scope
- Using emit & broadcast
- JSON advantages
- Using JSON in Angular JS
- Use of watch, digest & apply

Understanding AngularJS Architecture
Dependency Injection

- What is Dependency Injection?
- Implicit DI
- Inline Array Annotated DI
- $inject Array Annotated DI

Expressions

- AngularJs Expressions
- AngularJS Numbers
- AngularJS Strings
- AngularJS Arrays
- AngularJS Objects

Directives

- Power of directives
- Working with built in directives
- ng-app, ng-init
- ng-model, ng-repeat
- ng-class, ng-template
- ng-include
- Working with custom directives

Filters

- Adding Filters to Expressions
- Adding Filters to Directives
- Working with built in filters
- Creating custom filters

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Events

- ng-click
- Hiding HTML Elements
- ng-show, ng-hide

Modules

- Controllers Pollute the Global Namespace
- AngularJS Application Files

AngularJS XMLHttpRequest (AJAX)

- AngularJS http
- Equivalence Partition
- Boundary Value Analysis

AngularJS Forms & Input Validation

AngularJS Service Types

- Constants & Values, Factories
- Services, Providers

Single Page Applications

- What is SPA?
- How to work with SPA in angular
- Working with routes
- Static & dynamic routing

REST API Calls

- Overview of REST API
- Use of angular resource module

Animations

- Overview of transitions
- Use of angular animate module

Angular with UI Frameworks

- ui boostrap
- anguar-meterial

Behaviour Driven Development

- Overview of Nodejs
- installation of karma & jasmin
- working with karma & jasmin