

CSDT IT Solution

AngularJS Syllabus

Introduction

- Introduction to AngularJS MVC Architecture
- Conceptual Overview
- Setting up the Environment
- First Application
- Understanding ng Attributes

Expression and Data binding

- Number and String Expressions
- Object Binding and Expressions
- Working with Arrays
- Forgiving Behaviour
- Understanding Data Binding

Working with Directives

- Introduction
- Core Directives
- Conditional Directives
- Style Directives
- Mouse and Keyboard Events Directives

Filters

- Purpose of Filters
- Built-In Filters
- Uppercase and Lowercase Filters
- Currency and NumberFormatting Filters
- OrederBy Filter
- Filter Filter
- Creating Custom Filter

Forms

- Using Simple Form
- Working with Select and Options
- Input Validations
- Using CSS classes
- Form Events
- Custom Model update triggers
- Custom Validations

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Modules

- Why Module?
- Module Loading and Dependencies
- Recommended Setup of Application
- Creation vs Retrieval

Services

- Understanding Services
- Developing Creating Services
- Using a Service
- Injecting Dependencies in a Service

Routing

- Introduction to SPA
- Creating HTML Templates
- Configuring Route Provider

Controllers

- Understanding Controllers
- Programming Controllers and \$scope object
- Adding Behaviour to a Scope Object
- Passing Parameters to the Methods
- Having Array as members in Controller Scope
- Nested Controllers and Scope Inheritance
- Multiple Controllers and their scope