

Angular 8



ANGULAR 8.0

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Angular 8 Introduction

What is Angular 8 with its Features and Advantages

Angular Previous Versions of Angular8

Angular 8 Installation

Angular CLI Workflow

Create an Angular 8 project

Install Bootstrap 4 CSS framework

How to upgrade Angular CLI older versions to Angular CLI 8

Angular 8 First App

How an Angular's app get loaded and started

Modules and Components

What is Component in Angular?

Create and Start Component

Why Component are important.

How we create a component

Create Component using CLI

What is nesting Component?

What is Component Template?

What is Module in Angular?

Component Styles and Selectors

Data Binding in Angular 8

What is Data Binding?

Splitting Application into Component

String Interpolation

What is Property Binding?

Difference between Property Binding and String Interpolation

Binding with Custom Events.

What are Binding Properties and Events?

Two Way binding

Combine Forms with Data binding

What is Encapsulation?

How to Use Local Reference in Templates

Custom Properties

Template Access and DOM

Component Lifecycle

What is hooks in Angular js

Access Template with Hooks



Directives in Angular 8

- What is Directives?
- What is ngIf and else condition
- Styling Element with ngStyle
- How to apply css class dynamically with angular js
- How to Create Basic Attribute Directive
- What is Renderer?
- What is HostBinding and HostListener
- Directive Properties
- Switch

Dependency Injection in Angular 8

- What is Dependency Injection?
- What is Services?
- Logging Service and Injection
- Create Data Service
- How to use service in Cross Component
- What is Hierarchical Injector?

Routing

- What is Routing?
- Loading of Routes
- Navigation and its path
- Styling of Router Links
- Relative Path Navigation
- Define parameter in Routing
- Fetch Routing Parameter
- Observables
- Passing & Retrieving Parameters & Fragments
- Nested Routing
- Config Query Parameters
- Redirection Routes
- Route configuration
- Route Guards
- Protect Routes with canActivate
- Navigation Controlling
- Static Data in Route
- Location Strategies



Forms

What is Forms and how we handle it?

Reactive Approach

Template Driven

Create Template Driven Forms

Reactive Forms

What is Reactive Forms?

Create Reactive form through code

Syncing of HTML and Form

Adding Validation

Sumit Forms

Grouping

Pipes

What is Pipes in Angular?

How we use pipes

Chaining Multiple pipes in angular

Parameterizing a pipe

Filter Pipe

Impure & Pure Pipe

Async Pipes

HTTP Requests

What is HTTP REQUESTS?

How it work

How to send requests

Adjusting Request Headers

How to handle Get and Put Request

Catching HTTP Error



Angular Modules

What is the idea behind Modules?
What is feature Modules and how we create it
What is App Modules?
Registering Routes in Feature Modules

HTTP Client

What is HttpClient and how we unlock it
Request Configuration with Response
Request Events
Set up Headers
HTTP Parameters
Progress

Animations

What is Angular Animations?
Triggers and State
Switch between States
Basic and Advanced Transitions

Unit Testing

What is Unit Testing?
How to Analyse CLI Testing Setup
Running Test with CLI
Components and dependencies

