

Angular

Description

The Angular team made the wise but difficult choice of starting over with Angular 2, rather than just patching the mature but increasingly fragile framework.

From now on, it's Angular -- not Angular 1, 2, or 4.

The new version is based on a modern approach, which prefers a more composable component model, reactivity, predictable data flows, type safety, embracing the wider ecosystem, and other current conventions and best practices.

These changes represent a significant paradigm shift that is taking over the whole ecosystem. This Course introduces this new paradigm that underlies Angular, helps you set up a productive development environment, and teaches you how to build a well-structured app with Angular modules, components, services, pipes, forms and routing.

Intended audience

front end developers with good knowledge in o.o javascript

Angular Introduction

Getting Started

Development Environment

Angular Architecture & Concepts

Component & Modules

Components Overview

Angular Modules

Basic Components

Application Bootstrapping

Component LifeCycle

Data Binding

One-Way Data Binding

Interpolation

Property Binding

Event Binding

Special Bindings

Two-way Data binding

ngModel

Directives

Directives Vs. Components

Attribute Directives

Structural Directives

Modules & Component Composition



Component Input Properties
Event Emitters

Component Output Properties
Custom Events

Modules Composition
Root vs. Feature Modules

Services & Dependency Injection

Dependency Injection in Angular
The injectable Decorator
Services & Providers
Understanding Hierarchical Dependency Injection

HTTP

RxJS & Observables Overview
Http Client
Making Http Requests
Handling Http Responses
Error Handling
Interceptors

Angular Routing

Routing Configuration
Router Directive



Child Routes
Route Guards

Pipes

Common Pipes
Custom Pipes
Pure & Impure Pipes

The Async pipe

Angular Forms

The Forms Module
Template Drive Forms
State and Validity
Visual Feedback
Model Driven Forms (Reactive Forms)

Components & Directives In Depth

Parent to Child Interaction
Child to Parent interaction
Content Projection
Custom Directives