



# Advanced Angular

Duration 3 day(s) (ANGULAR-AVANCE)

Master Angular

## Description

Angular is the Framework TypeScript created by Google Among its competitors (React, VueJS, ...) angular is the one that offers the most functionality within it. This training will allow us to enter the heart of Angular to find out everything Google's developers have provided, including I18n, Material Design, Reactive Form, RxJS, ZoneJS and more.

## Goals

- Discover the advanced features that Angular offers
- Know the different modules of Angular
- Know how to Server Side Rendering with Angular-universal
- Make dynamic forms
- Visualize the operation of Angular

## Public

- Developers

## Prerequisites

- Mastery of TypeScript
- Knowledge of angular 2+

## Structure

50% Theory, 50% Practice

## Program

## Reminders

- Typescript
- Angular
- Tests
- Initiation TP red thread in TDD

## Behavior Driven Development with protractor

## Good practice of angular

- Style Guide
- TSLint
- Prettier

## Angular architecture

- Main modules
- ZoneJS
- Performance
- Cycle Components

## Internationalization

## Design

- Component Style
- Animations
- Angular Material

## Accessibility

## Forms

- Reactive Forms
- Dynamic Forms

## Router

- Lazy-loading
- Guardians (road guards)

- Transitions

## RxJS

- Design pattern Observe
- Manages "Subscriptions"
- Error handling
- Operators
- RxJS and Angular

## Industrialization

- Parameters @ angular / cli
- Ahead of time compile

## Angular-universal

## Ngrx

- Redux
- Nrgx / store

## To go further

- Progressive Web App
- Native Script
- Ionic