

Introduction to Angular

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- A framework for building application using web technologies like html, css and js
- Empowers developers to build applications for browsers, mobiles, or desktop



Angular History

- Developed in 2009 by Misko Hevery and Adam Abrons at Brat Tech
- Misko Hevery started to work for Google in 2009
- Angular version 1 (AngularJS) was released in 2012 by Google
- Angular version 2 was released in September 2016
- Angular 4 was released in March 2017
- Angular 5 was released in Nov 2017
- Angular 6 was released in May 2018
- Angular 7 was released in Oct 2018
- Angular 8 was released in May 2019
- Angular 9 was released in Feb 2020
- Angular 10 was released in June 2020

Angular CLI

- A powerful to create, build, compile and serve Angular2 App
- Used to generate new components, routes, services and pipes
- Installing Angular CLI
 - *npm install -g @angular/cli*
- Generating and serving Angular app
 - *ng new proj_name --skip-install*
 - *cd proj_name*
 - *npm install*
 - *ng serve*

Angular CLI Options

Options	Usage
Help	ng --help
Build	ng build --env
Build and Run	ng serve
Testing	ng test
End-End Testing	ng e2e

Angular CLI Commands

Scaffold	Usage	In Short
Module	ng generate module <i>my-module</i>	ng g m <i>my-module</i>
Component	ng generate component <i>my-component</i>	ng g c <i>my-component</i>
Directive	ng generate directive <i>my-directive</i>	ng g d <i>my-directive</i>
Pipe	ng generate pipe <i>my-pipe</i>	ng g p <i>my-pipe</i>
Service	ng generate service <i>my-service</i>	ng g s <i>my-service</i>
Guard	ng generate guard <i>my-guard</i>	ng g g <i>my-guard</i>
Class	ng generate class <i>my-class</i>	ng g cl <i>my-class</i>
Interface	ng generate interface <i>my-interface</i>	ng g i <i>my-interface</i>
Enum	ng generate enum <i>my-enum</i>	ng g e <i>my-enum</i>