**Angular 7**

* Angular is a JavaScript framework
* To create reactive Single Page Applications (SPA)
* Front end development framework
* Updated by Angular Team of Google.
* Angular 7 is completely based on components.
* It consists of several components forming a tree structure with parent and child components.

What is Angular 7?

* Angular 7 is a JavaScript **(actually a Typescript based open-source full-stack web application)** framework which makes you able to create reactive **Single Page Applications** (SPAs).
* Angular is a complete rewrite of AngularJS by the same team that built AngularJS.

What is SPA?

* A single page application is a web application or a website which provides users a very fluid, reactive and fast experience similar to a desktop application.
* It contains menu, buttons and blocks on a single page and when a user clicks on any of them; it dynamically rewrites the current page rather than loading entire new pages from a server. That's the reason behind its reactive fast speed.

Angular Features

* Angular Supports multiple platform

Angular is a cross platform language. It supports multiple platforms. You can build different types of apps by using Angular.

* Desktop Applications
* Native Applications
* Progressive Web Applications
* High Speed, Ultimate Performance
* Universal Support
* Code Splitting
* Code generation

**Install Angular 7**

VS Code is light and easy to setup, it has a great range of built-in code editing, formatting, and refactoring features. It is free to use. It also provides a huge number of extensions that will significantly increase your productivity.

**Install NodeJS**

 It manages npm dependencies support some browsers when loading particular pages. It provides required libraries to run Angular project. Node.js serves your run-time environment as your localhost.

See how to install node.js: [**install-nodejs**](https://www.javatpoint.com/install-nodejs) or

[**https://nodejs.org/en/**](https://nodejs.org/en/)

**Use npm to install Angular CLI**

* npm install -g @angular/cli@7.2.0

**Angular 7 Project Setup (Create first app)**

* ng new my-dream-app
* cd my-dream-app
* ng serve

Browser: localhost:4200/

Install the Visual Studio Code: [**https://code.visualstudio.com**](https://code.visualstudio.com/)