

#angular: What is Angular?

Angular is a development platform, built on TypeScript.

It is a free and open-source web application framework.

To be more precise I am talking about angular 2+, which is version 2 and above.

What type of applications can we build using the angular platform?

-> Angular is a cross platform framework. It can support different types of platforms such as

- Browser
- Server
- Web worker(PWAs)
- Native mobile

By far, It is one of the top frameworks to build web applications.

Who takes care of updates and maintenance of the Angular framework?

-> It is led by the Angular Team at Google.

How to set up Angular on your machine?

-> It's very simple, you need to install node.js.

-> then run

```
npm install -g @angular/cli
```

This is how you installed angular cli on your machine. Now you can create boilerplate project using command:

- `ng new my-app`

Some important ng commands are following:

- `new` -> creates a new angular application from scratch
- `build` -> compiles an angular application and outputs generalized files in an predefined folder
- `generate` -> creates a new file that comprises an angular application
- `serve` -> builds an angular app and serves it from a preconfigured web server
- `test` -> runs unit tests of an angular application
- `deploy` -> deploys an angular application to a web-hosting provider. You can choose from a collection of providers that are included in the angular cli.
- `add` -> installs a third party library to an angular application

- update -> Updates an angular application along with its dependencies. Dependencies are libraries, npm packages, that are needed for the angular application to run.

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