Angular: Getting Started

Why Angular?

Expressive HTML: embed features such as if, for, local variables

Powerful Data Binding: can connect data directly to our UI

Modular by Design: app is set of building blocks so we can reuse content

Built-in Back-end Integration: GET/POST data or execute logic

JavaScript

-standard is called ECMAScript or ES

-a new version of specification is released each year (?)

Transpiled

-Newer JS features in our code must be compiled by a tool that converts newer JS syntax to older before the browser executes it

TypeScript

-strong typed, Object Oriented (classes, interfaces, inheritance), open source, Superset of JS

-transpiles to JS (meaning code developed with TS must be compiled and converted to JS)

npm

-Node package manager is an open source repo of libraries and packages

-npm is also a command line utility interacting with the repo

-npm install (inside project folder) will install it in local machine in node\_modules

-npm install -g @angular/cli

-can also executes scripts

package.json

-devDependencies (only required for development) and dependencies (required for development and deployment)

-npm install to ensure that everyone has the same packages and versions

ng new apm-new --prefix pm

Component

-Template + Class + Metadata

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