Angular: Getting Started

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

Lifecycle Hook

-An interface for when component event occurs

-OnInit, OnChanges (input properties), OnDestroy

Getters and Setters

Output events, need to work on

Dependency Injection

-a coding pattern in which a class receives its dependencies from Angular Injector instead of creating it itself

-defined in Injector, not module

Import Modules:

http: Http Client

router: Router (registers the service, declares the directives, and exposes routes

RxJS

Does that mean shareReplay must come from a Behavior because of multicast?

Reactive: when an input change leads to an automatic output change

Creator Function: of/from

-from can create with any type of data

Async Pipe

Cache means retain it in a service, so no need for another HTTP request

-of/from automatically completes and unsubscribes??