Angular Cheat Sheet

by KNiGHT BLOOD (spegusess) via cheatography.com/108914/cs/21506/

Installation

pre-requirement	NodeJS, npm, AngularCLI, IDE
update	ng update @angular/cli @angular/core
version check	node -v && npm -v && ng version

Project Setup

creating app	ng new my-app
app folder	cd my-app
run app	ng serve
run app custom	ng serve --host 0.0.0.0 –port 4205

Angular

app/ Structure

app.module.ts	explain the usage of the libraries. They are imported and saved into variables such as declarations, imports, providers, and bootstrap.
app.component.html	html code for the app is in this file.
app.component.spec.ts	contain unit tests for source component.
app.component.ts	class for the component is defined. do the processing of the html structure in the .ts file.
app-routing.module.ts	deal with the routing. connected with the main module, app.module.ts.

src/ Structure

app/	application folder that stores components of the application.
assets/	images, js files
environment/	details of whether the final file should be compiled in the production environment or the dev environment.
index.html	file which is displayed in the browser.
main.ts	importing the basic modules and setup.
polyfills.ts	used for backward compatibility.
test.ts	unit test cases for testing the project will be handled.
styles.css	style file required for the project.
favicon.ico	site icon file
tsconfig.app.json	config details that need to be used to run the application.
tsconfig.spec.json	helps maintain the details for testing.
typings.d.ts	manage the Typescript definition.

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Folder Structure	
e2e/	end to end test folder. Mainly e2e is used for integration testing and helps ensure the application works fine.
node_modules/	the npm package installed node_modules. Stores packages available.
src/	folder where work on the project.app/ folder created during the project setup and holds all the required files required for the project.
angular.json	holds the project name, version of cli, etc.
.editorconfig	config file for the editor
.gitignore	file should be committed into the repository, in order to share the ignore rules with any other users that clone the repository.
package.json	file tells which libraries will be installed into node_modules when you run npm install.
tsconfig.json	contains the compiler options required during compilation.
tslint.json	config file with rules to be considered while compiling.

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