Cheatography

Angular cheatsheet Cheat Sheet

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Major terms

Typescript	Typed superset to ECMAscript
CSS	
Component	Fundamental building block for creating applications in Angular. Units with clear responsibility having following core properties: A @Component decorator, An HTML template, A CSS selector, A TypeScript class with behaviors
Decorator	
Template	
Selector	
Events	

Components

Composed of	TS class file, Styling file (CSS/SCSS etc), HTML Template file (html or htm), Unit test (spec file with unit tests for the component)
TS class file Syntax	
HTML template syntax	

Major units

NgModule	
Component	A component's job is to enable the user experience and nothing more. A component should present properties and methods for data binding, to mediate between the view (rendered by the template) and the application logic (which often includes some notion of a model).

Major units (cont)

Service	Services perform non-UI tasks such as fetching data from the server, validating user input, or logging directly to the console. By defining such processing tasks in an injectable service class, you make those tasks available to any component. You can also make your application more adaptable by configuring different providers of the same kind of service, as appropriate in different circumstances. The @Injectable() decorator specifies that Angular can use this class in the DI system.	
Router		
Form		
Unit test		
CLI	The Angular CLI is a command-line interface tool which allows you to scaffold, develop, test, deploy, and maintain Angular applications directly from a command shell.	https://angular.dev/tools/cli
Provider		

Major units (cont)

Pipe	Pipes are simple functions to use in templates to accept an input value and return a transformed value. Pipes are useful because you can use them throughout your application, while only declaring each pipe once. For example, you would use a pipe to show a date as April 15, 1988 rather than the raw string format.

Services

Composed of	TypeScript class, Decorator with details pf provider to make service Injectable or inject other services into it

Major tools involved

NPM	Node package manager.
Angular CLI	
Webpack	

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