

ANGULAR CLI

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BEGINNING

- Angular CLI (command line interface) is a tool available from npm
- This is installed globally with `-g` switch (system-wise installation)
- `npm install -g @angular/cli`
- Mac/Linux/Unix users may need to run the command with `sudo`

BASIC COMMANDS

Requirement	Command	Instructions
Help	<code>ng help</code>	
Create a new Angular app	<code>ng n <i>app-name</i></code>	<i>dash-separated</i>
Build and serve the Angular app (development)	<code>ng s</code>	inside project directory
Build for production	<code>ng b --prod</code>	dist/app
Unit test (through Karma)	<code>ng t</code>	
Lint	<code>ng l</code>	
e2e (through Protractor)	<code>ng e</code>	

GENERATING SCHEMATICS

Schematic	Command	Instructions
Component	<code>ng g c <i>comp-name</i></code>	<code>mod/comp-name</code>
Pipe	<code>ng g p pipe-name</code>	
Directive	<code>ng g d directive-name</code>	
Guard	<code>ng g g guard-name</code>	
Service	<code>ng g s service-name</code>	
Module	<code>ng g m module-name</code>	<code>--routing <i>if required</i></code>

NOTES ON GENERATING SCHEMATICS

- In case you want to generate a schematic inside a folder, you need to use `ng g x folder/entity-name`
- Typical use cases for folders are pipes, directives, guards, and services. Developers often use underscore prefixing to keep these folders at the top (`_pipes`, `_services`, etc).
- Under feature module, `ng g x feature-module/entity-name`

REFERENCE

- About CLI: <https://angular.io/cli>
- Generate: <https://angular.io/cli/generate>
- Add: <https://angular.io/cli/add>