Cheatography

Angular CLI Cheat Sheet

by jakblak via cheatography.com/61771/cs/15929/

Setup

npm i -g @angular/cli	Install latest version
ng -v	check your CLI version
ng --help	show all commands in terminal
ng doc (component)	open Angular documentation

Main Commands

ng new	ng new myApp	create a new project
ng serve	ng s -o	compile and open
ng generate	ng g	create new component/route/service
ng build	ng b	build for deployment in dist folder
ng test		test spec files
ng e2e	ng e	end-to-end tests
ng lint	ng l	run linting
ng update		identify dependencies to update
ng add		add libraries like Material

Common Flags

COMMAND	FLAG	ALIAS	DESCRIPTION
All	--help		list flags (new/s/g)
All	--dry-run	-d	show potential file changes
New	--skip-tests	-S	no spec files
New	--skip-install		don't install dependencies
New	--prefix	-p ng	prefix for all selectors
New	--skip-git	-g	don't add git
New	--style scss		set up using SASS
New	--routing		generates routing module
Serve	-prod		run from production
Serve	-open	-o	opens in browser

Notes

Certain *Blueprints* (**components/modules**) create a **folder** - unless a folder has already been created. Use the *--flat* flag to prevent a folder from being created. **Service** & **Interface** do not create folders.

Remember to consider **where components should reside**. You may want to add a login component inside an account module. This would be done by first creating the module *ng g m account --routing* then adding the login component inside account and importing it the correct module *ng g c account/login -m=account*.

Yarn vs NPM

Enable Yarn	ng config -g cli.packageManager yarn
Enable NPM	ng config -g cli.packageManager npm

ng update

`ng update @angular/core`	update core/rxJS/TScript
`ng update @angular/material`	update Material

ng add - Schematics

`ng add @angular/pwa`	app manifest + service worker
`ng add @ng-bootstrap/schematics`	add ng-Bootstrap
`ng add @angular/material`	install Material
`ng add @clr/angular@next`	install Clarity Design

Material Schematics

`ng g @angular/material:material-nav --name=nav`	Nav Menu
`ng g @angular/material:material-dashboard --name=dash`	Cards
`ng g @angular/material:material-table --name=table`	Table

Makes it easy to add and update 3rd party libraries.

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Blueprints

component	c	
service	s	
pipe	p	
interface	i	
module	m	
class	class	
--flat		don't create a folder
--spec false	-S	no spec files
--inline-style	-s	no CSS files
--inline-template	-t	no HTML files
--skip-import		don't add to module
--dry-run	-d	report files, don't write
-m	-m	specify which module to import into

Blueprints - The concept angular uses to generate code.

Blueprint Examples

`ng g m account`	create account Module along w/ folder
`ng g c account/login -m account`	new login Component added to account module
`ng g s account/login -m account`	new login Service added to account module
`ng g i models/person`	new person Interface added to models
`ng new myApp -S -g --routing`	new project no spec or git w/ routing