

## **Angular Framework Cheat Sheet**

by dmntswntrs via cheatography.com/89608/cs/20394/

## **Bootstrapping**

**NgModules** 

import { platformBrowserDynamic } from
'@angular/platform-browser-dynamic';

platformBrowserDynamic()
.bootstrapModule(AppModule);

Bootstraps the app, using the root component from the specified NgModule.

## Template syntax

cinput Binds property
[value] = " - value to the result
firstName" > of expression firstName

cdiv [attr.role]="myAriaRole" > expression
myAriaRole.

<div [class.extra-sparkle]="is-Delightful">

presence of the CSS class extrasparkle on the element to the truthiness of the expression isDelightful.

Binds the

<div [style.width.px]="mySize"> Binds style property width to the result of expression mySize in pixels. Units are optional.

<br/><button<br/>(click)="read-<br/>Rainbow(\$eve-<br/>nt)">

Calls method readRainbow when a click event is triggered on this button element (or its children) and passes in the event object.

<div title="Hello {{ponyName}}"> event object.

Binds a property to an interpolated string, for example, "Hello Seabiscuit".

Equivalent to: <div [title]="'Hello' + ponyName">

Binds text content

Hello {{ponyName}}

Binds text content to an interpolated string, for example, "Hello Seabiscuit".

<my-cmp [(title)]="name"> Sets up two-way data binding.
Equivalent to:
<my-cmp
[title]="name"

(titleChange)="name=\$event">

## Template syntax (cont)

<video #movieplayer ...>
<button (click)="movieplayer.play()"> </video>

local variable movieplayer that provides access to the video element instance in data-binding and event-binding expressions in the current template.

Creates a

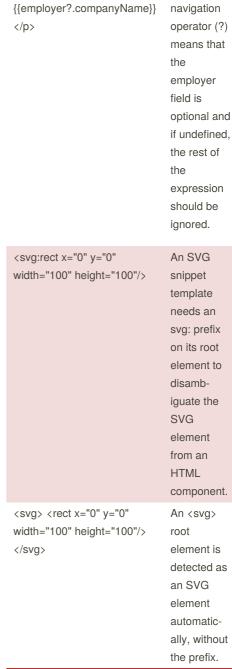
...

The \* symbol turns the current element into embedded template. Equivalent to: <ng-template [myUnless]="myExpression">... </ng-template>

Card No.: {{cardNumber | myCardNumberFormatter}}

Transforms
the current
value of
expression
cardNumber
via the pipe
called
myCardNumberFormatter.

| <pre>import { NgModule } f: re';</pre>   | rom '@angular/co-   |
|--|---|
| <pre>@NgModule({ declar- ations:, imports:, exports:, providers:, bootstrap:}) class MyModule {}</pre> | Defines a module<br>that contains<br>components, direct-<br>ives, pipes, and<br>providers                             |
| declarations: [MyRedComponent, MyBlueComponent, MyDatePipe]  | Components, directives, and pipes that belong to this module  |
| <pre>imports: [BrowserM- odule, SomeOtherMod- ule]</pre>   | Modules to import into this module - Everything from the imported modules is available to declarations of this module |
| exports: [MyRedCom-<br>ponent, MyDatePipe]   | Components, direct- ives, and pipes visible to modules that import this module  |
| providers: [MySer-vice, { provide:   | Dependency injection providers visible both to the contents of this module and to importers of this module            |
| entryComponents: [SomeComponent, OtherComponent]   | Components not referenced in any reachable template, for example dynamically created from code                        |
| bootstrap: [MyApp-<br>Component]   | Components to bootstrap when this module is bootstraped   |



The safe



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