

Bootstrapping

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

```
platformBrowserDynamic().bootstrapModule(AppModule);
```

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

NgModules (cont)

```
imports: [BrowserModule, SomeOtherModule]
```

```
exports: [MyRedComponent, MyDatePipe]
```

NgModules

```
import { NgModule } from '@angular/core';
```

```
@NgModule({ declarations: ..., imports: ..., exports: ..., providers: ..., bootstrap: ... }) class MyModule {}
```

```
providers: [MyService, { provide: 'myToken', useValue: 'myTokenValue' }]
```

```
declarations: [MyRedComponent, MyBlueComponent, MyDatePipe]
```

NgModules (cont)

```
imports: [SomeComponent]
```

import into this module - Everything from the imported modules is available to declarations of this module

```
bootstrap: [MyAppComponent]
```

Components, directives, and pipes visible to modules that import this module

Template syntax

```
<input type="text" value="myFirstNam - Binds proper value to the result of expression firstName">
```

Dependency injection providers visible both to the contents of this module and to importers of this module

```
<div [attr.role]="myAriaRole">
```

Binds attribute role to result of expression myAriaRole.



By dmntswnters

cheatography.com/dmntswnters/

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Template syntax (cont)

<code><div [class.extra-sparkle]="isDelightful"></code>	Binds the presence of the CSS class <code>extra-sparkle</code> on the element to the truthiness of the expression <code>isDelightful</code> .
<code><div [style.width.px]="mySize"></code>	Binds style property <code>width</code> to the result of expression <code>mySize</code> in pixels. Units are optional.
<code><button (click)="readRainbow(\$event)"></code>	Calls method <code>readRainbow</code> when a click event is triggered on this button element (or its children) and passes in the event object.

Template syntax (cont)

<code><div title="Hello {{ponyName}}"></code>	Binds a property to an interpolated string, for example, <code>"Hello Seabiscuit"</code> . Equivalent to: <code><div [title]="Hello ' + ponyName"></code>
<code><p>Hello {{ponyName}}</p></code>	Binds text content to an interpolated string, for example, <code>"Hello Seabiscuit"</code> .
<code><my-cmp [(title)]=name"></code>	Sets up two-way data binding. Equivalent to: <code><my-cmp [title]="name" (titleChange)="name=\$event"></code>
<code><video #movieplayer ...></code> <code><button (click)="movieplayer.play()"></code> <code></video></code>	Creates a local variable <code>movieplayer</code> that provides access to the video element instance in data-binding and event-binding expressions in the current template.

Template syntax (cont)

<code><p *myUnless="myExpression">...</p></code>	The <code>*</code> symbol turns the current element into an embedded template. Equivalent to: <code><ng-template [myUnless]="myExpression"><p>...</p></ng-template></code>
<code><p>Card No.: {{cardNumber myCardNumberFormatter}}</p></code>	Transforms the current value of expression <code>cardNumber</code> via the pipe called <code>myCardNumberFormatter</code> .
<code><p>Employer: {{employer?.companyName}}</p></code>	The safe navigation operator (<code>?</code>) means that the <code>employer</code> field is optional and if undefined, the rest of the expression should be ignored.



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Template syntax (cont)

<code><svg:rect x="0" y="0" width="- 100" height- ="100"/></code>	An SVG snippet template needs an svg: prefix on its root element to disambiguate the SVG element from an HTML component.
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<code><svg> <rect x="0" y="0" width="- 100" height- ="100"/> </svg></code>	An <code><svg></code> root element is detected as an SVG element automatically, without the prefix.
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