

05

Template And Directives

WHAT YOU WILL LEARN

Contents

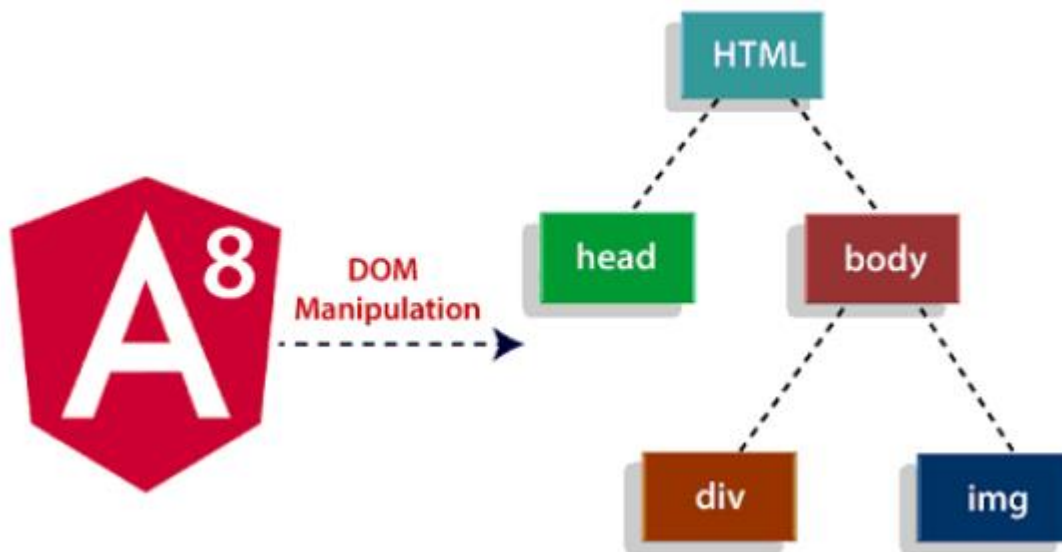
What is template.....	2
WHAT ARE DIRECTIVES	3
Component Directives	4
Structural Directives.....	5
Attribute Directives.....	6

What is template

Each Angular template in your application is **a section of HTML to include as a part of the page that the browser displays**. An Angular HTML template renders a view, or user interface, in the browser, just like regular HTML, but with a lot more functionality.

WHAT ARE DIRECTIVES

The Angular 10 directives are used to manipulate the DOM. By using Angular directives, you can change the appearance, behaviour or a layout of a DOM element. It also helps you to extend HTML.



Component Directives

Component Directives: Component directives are used in main class. They contain the detail of how the component should be processed, instantiated and used at runtime.

Structural Directives

Structural Directives: Structural directives start with a * sign. These directives are used to manipulate and change the structure of the DOM elements. For example, *ngIf directive, *ngSwitch directive, and *ngFor directive.

- ***ngIf Directive:** The ngIf allows us to Add/Remove DOM Element.
- ***ngSwitch Directive:** The *ngSwitch allows us to Add/Remove DOM Element. It is similar to switch statement of C#.
- ***ngFor Directive:** The *ngFor directive is used to repeat a portion of HTML template once per each item from an iterable list (Collection).

Attribute Directives

Attribute Directives: Attribute directives are used to change the look and behavior of the DOM elements. For example: ngClass directive, and ngStyle directive etc.

- **ngClass Directive:** The ngClass directive is used to add or remove CSS classes to an HTML element.
- **ngStyle Directive:** The ngStyle directive facilitates you to modify the style of an HTML element using the expression. You can also use ngStyle directive to dynamically change the style of your HTML element.

All The Best!!!