**Everything there is to know about Directives - Angular**

**What are Directives?**

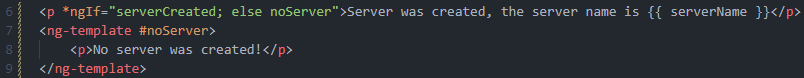
Directives are instructions in the DOM, components are kind of directives. Typically directives are added by using an attribute selector – lets check it out.

**Built-in Directives:**

**ngIf:** ngIf is added by adding a **\* that’s indicate that it’s a structural directive** which means it changes the structure of the DOM, it adds the element or not. After that there is an expression for the ngIf directive, example:



If we want to use an else syntax so that we would show another thing when the condition isn’t met we can use an ng-template, first of all we should add ; in the end of our xxx and add else \*ng-template\*, after that we will add our ng-template that will represent in the situation, example:



**ngStyle:** we can use property binding to this directive, and it expect to get a Javascript object, a key-value pairs of style name as key and the value of the style as the value, for example:



**ngClass:** similar to ngStyle this directive allow us to add and remove class from our DOM elements. We need to pass to Javascript object with key-value pairs, the keys are the CSS class names and the values are the conditions determining whether this class should be attached or not.



**ngFor:** another structural directive that’s taking care of having number of components for each variable in an array we will attach it to. We should create a variable (let server) and assign it to the relevant array (of serversList).



We can also get the index of the loop, by putting ';' at the end and adding 'let i = index' and we extracted the index of the ngFor, pay attention that the first index is 0 like in array.