Directives

A Directive modifies the DOM to change appearance, behavior or layout of DOM elements.

Directives are one of the core building blocks Angular uses to build applications. In fact,

Angular components are in large part directives with templates.

There are three main types of directives in Angular:

**Component** - directive with a template.

***Attribute directives***- directives that change the behavior of a component or element but

don't affect the template

ex. ngClass, ngStyle

***Structural directives***- directives that change the behavior of a component or element by

affecting how the template is rendered

ex. ngIf, ngFor, ngSwitch

## ngClass: 3 ways to access

1. As a string. ngClass works as a class in this case

<p ngClass="centered-text underlined" class="orange">

1. Using an array of classes

<p [ngClass]="[‘text-center’, ‘text-bold’]" class="orange">

1. Using an object which sets on or off classes..In this example flat is a property.

<p [ngClass]="{ card: true, dark: false, flat: isFlat }">

export class ClassAsObjectComponent {

isFlat: boolean = true;

}

# Structural directives

NgIf, ngFor, ngSwitch