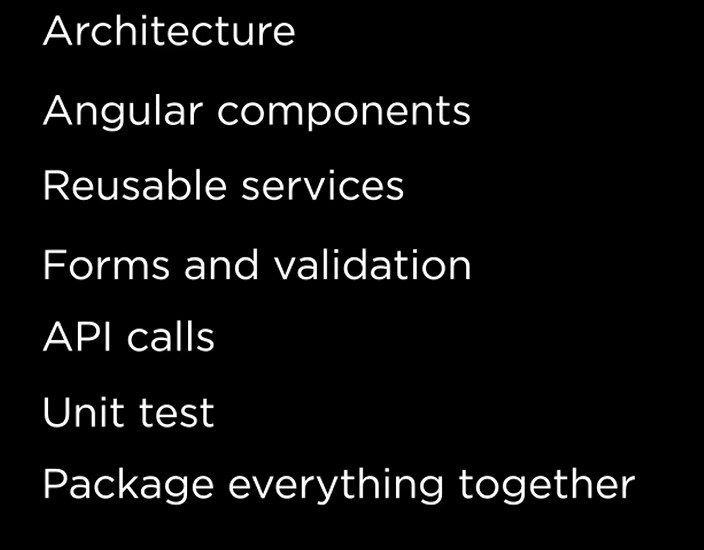
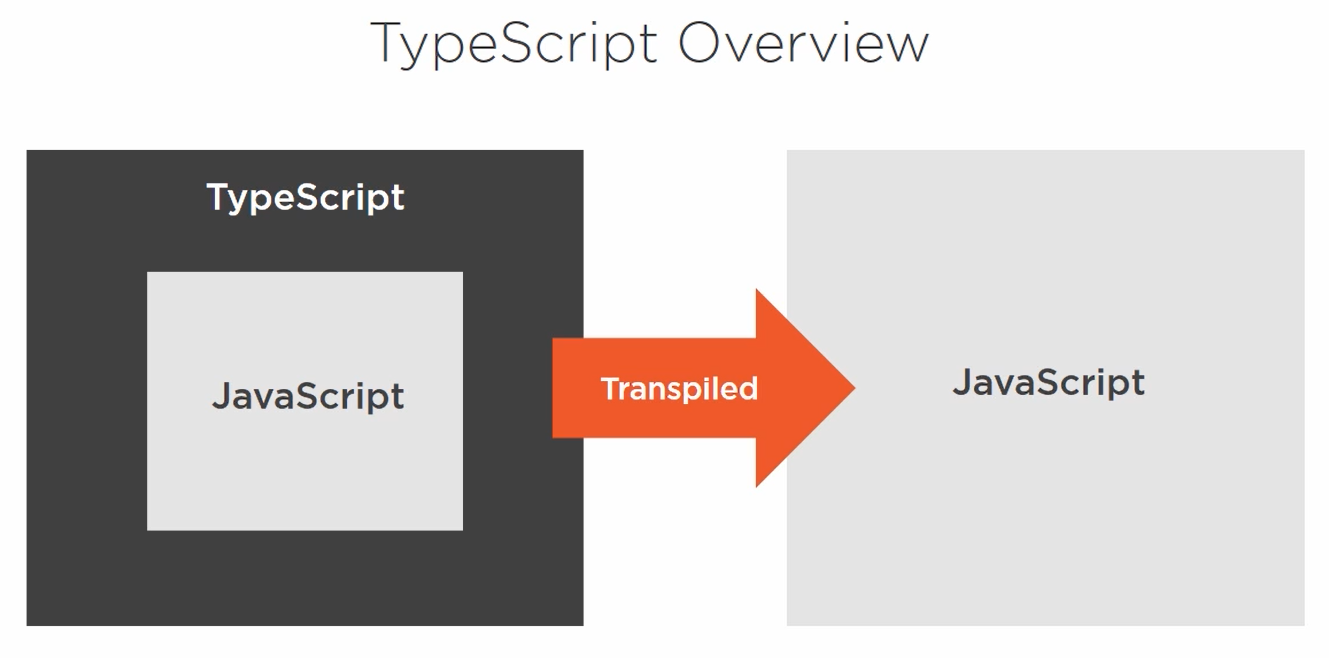
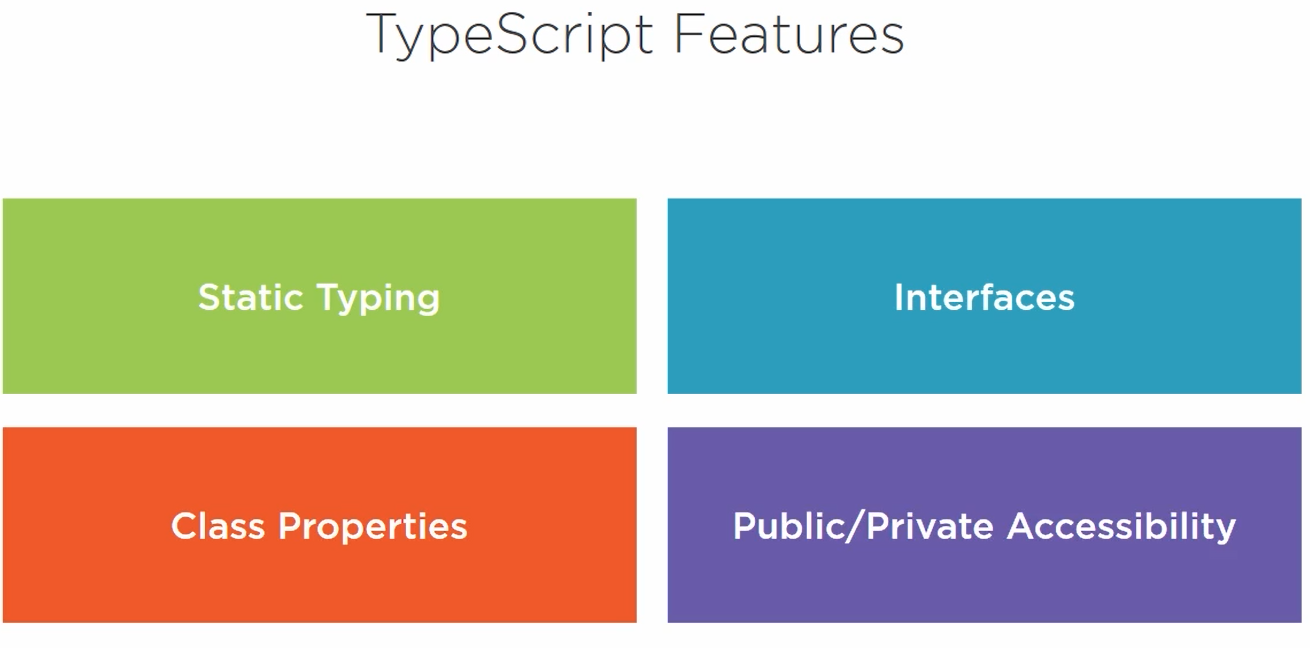
# Angular Fundamentals

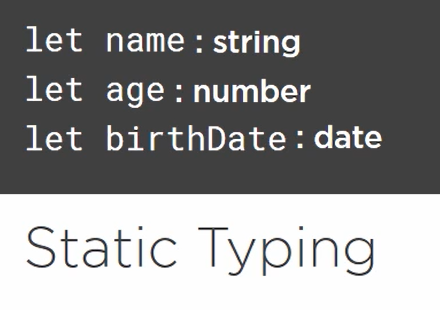
<https://app.pluralsight.com/library/courses/angular-fundamentals/table-of-contents>



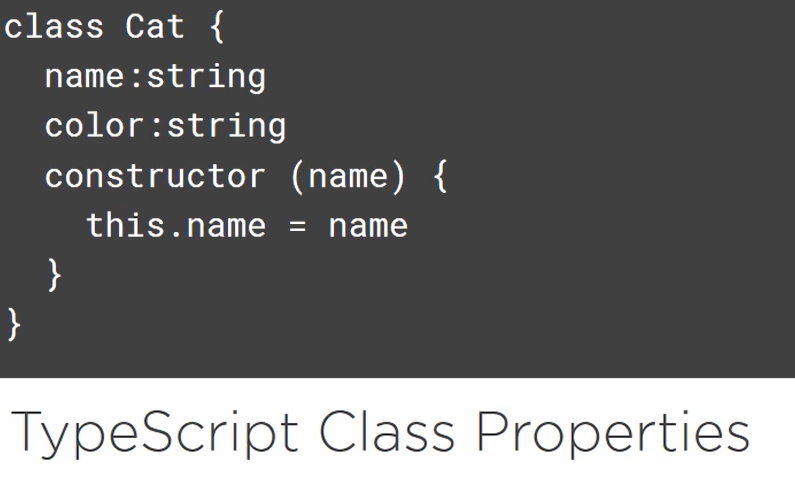










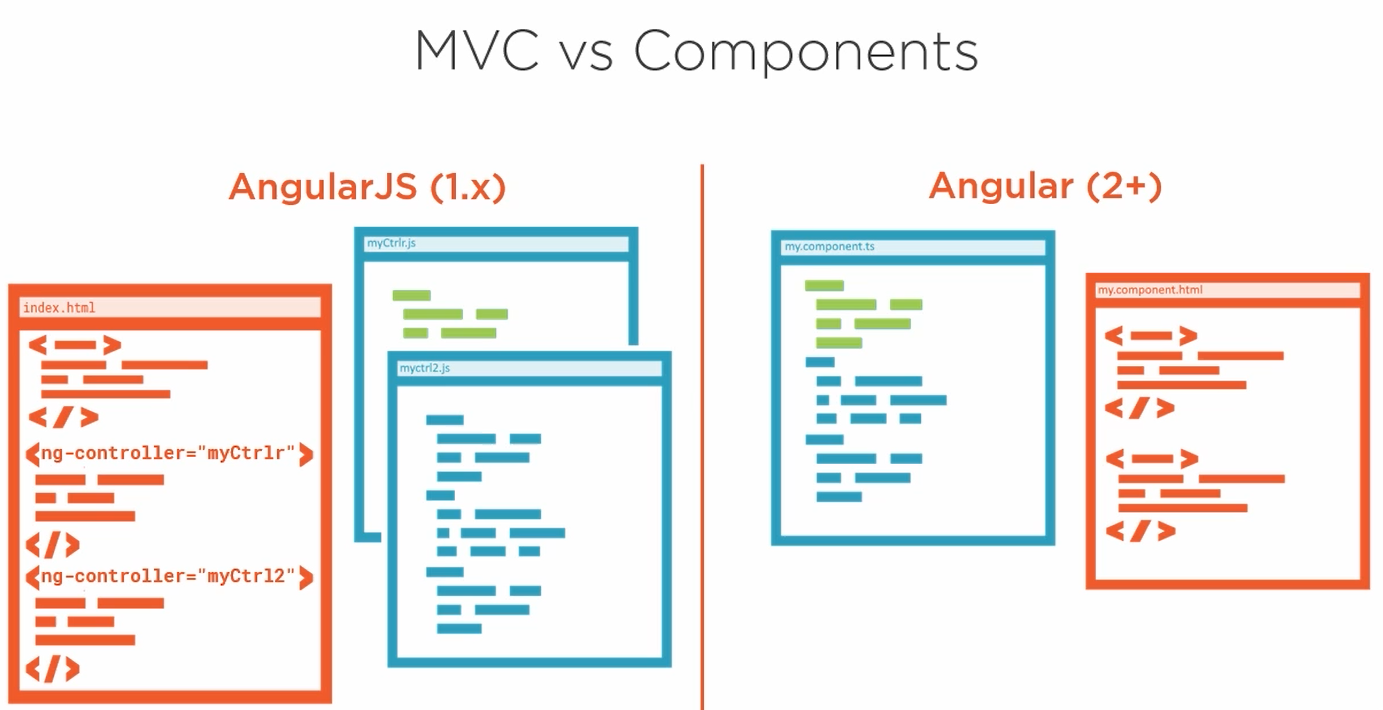


Class members are public by default;

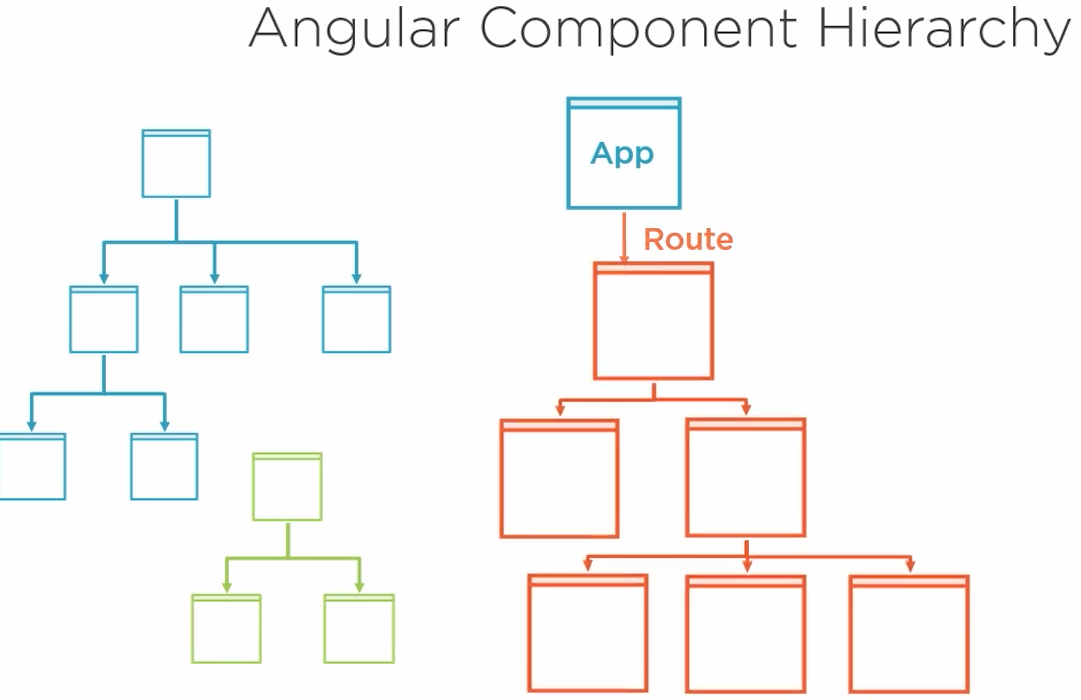


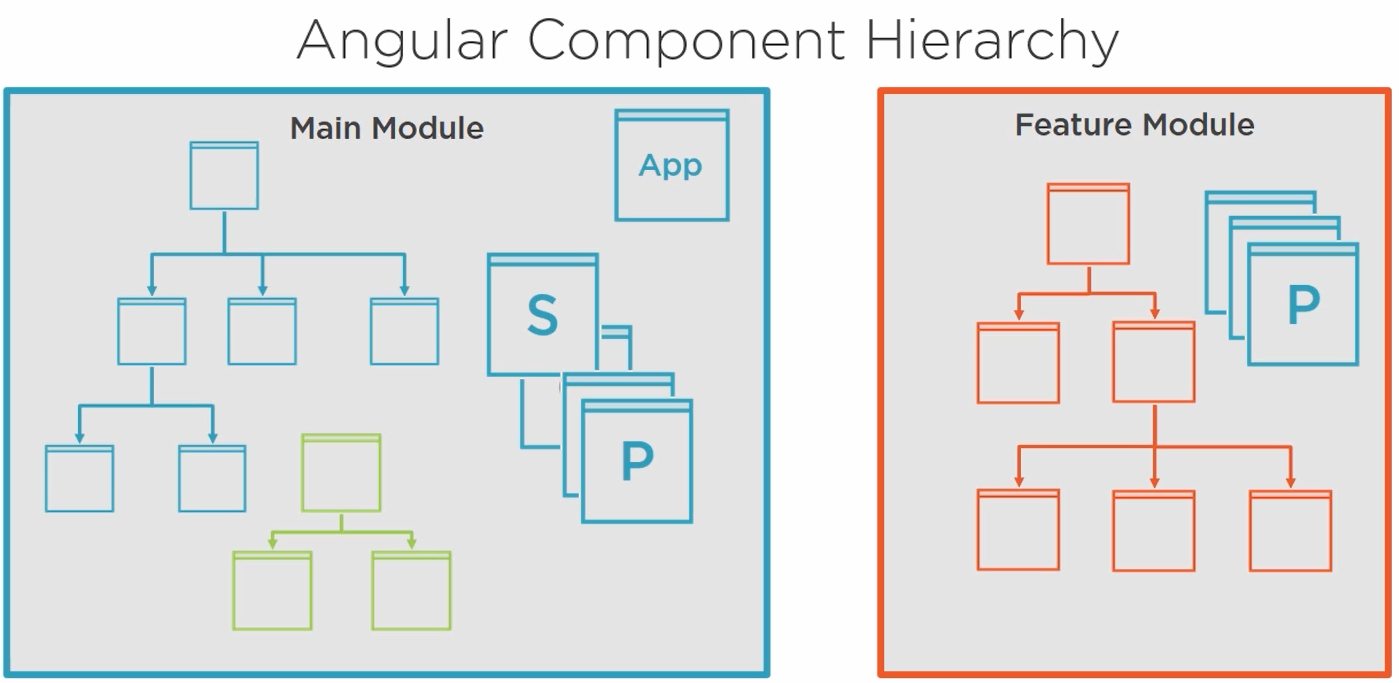


## Comparing Angular to AngularJS



1. MVC
2. Directive, Controller replaced by **Component**





Ng modules

Exception;

Services register in Root Module

## \*Install git and Node

npm install -g @angular/cli

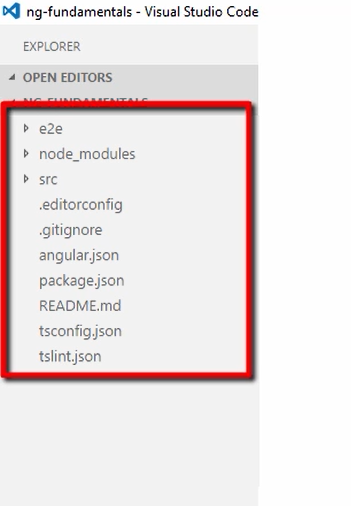
# create new project with ng-cli

$ ng new ng-fundamentals

To remove node\_modules

$ rm -rf node\_modules

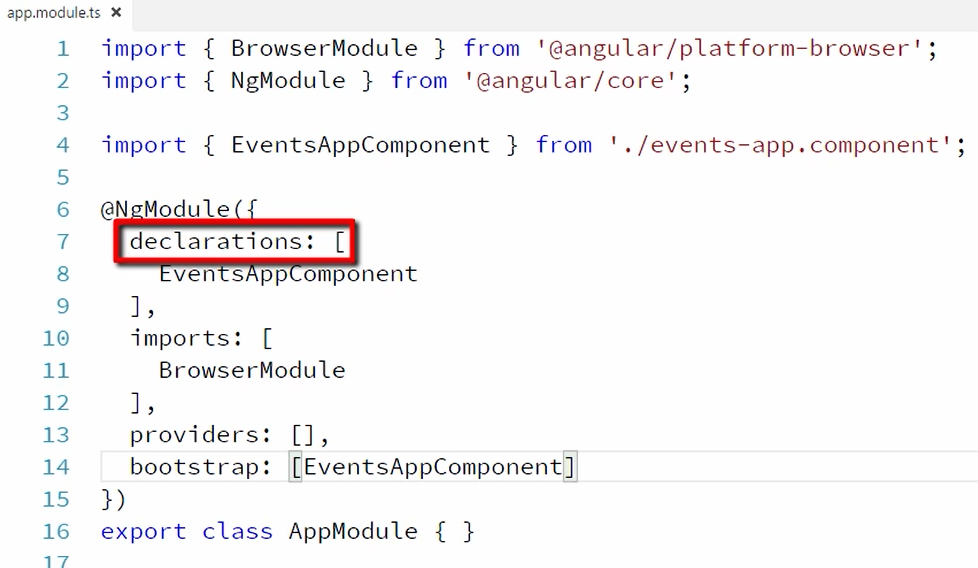
Reinstall node\_modules, all dependencies



$ npm install

$ npm start

# MODULE



**Declarations:**

+component,pipe,directive

**Imports:** other required modules

**Providers:** services

**Bootstarp:** bootstarp component

# STATIC FILES

Assets Folder

Install other css, js libraries and add to the app

Done in angular.json

Save to package.json

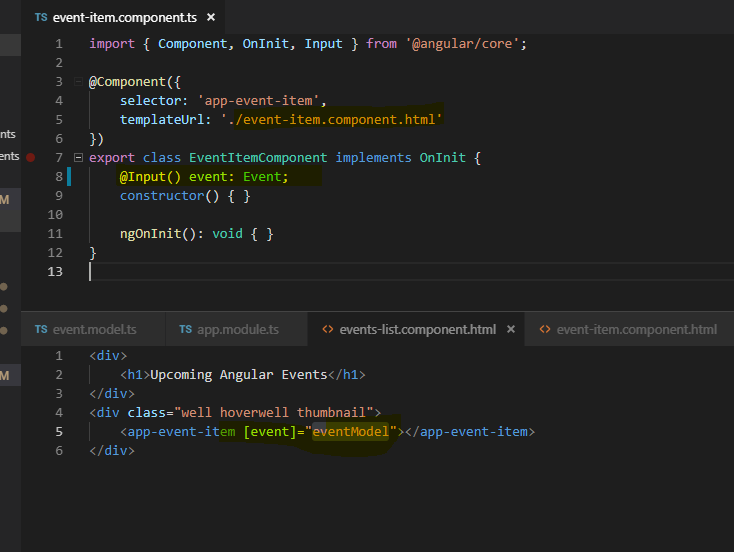
$ npm install ngf-bootstarp --save



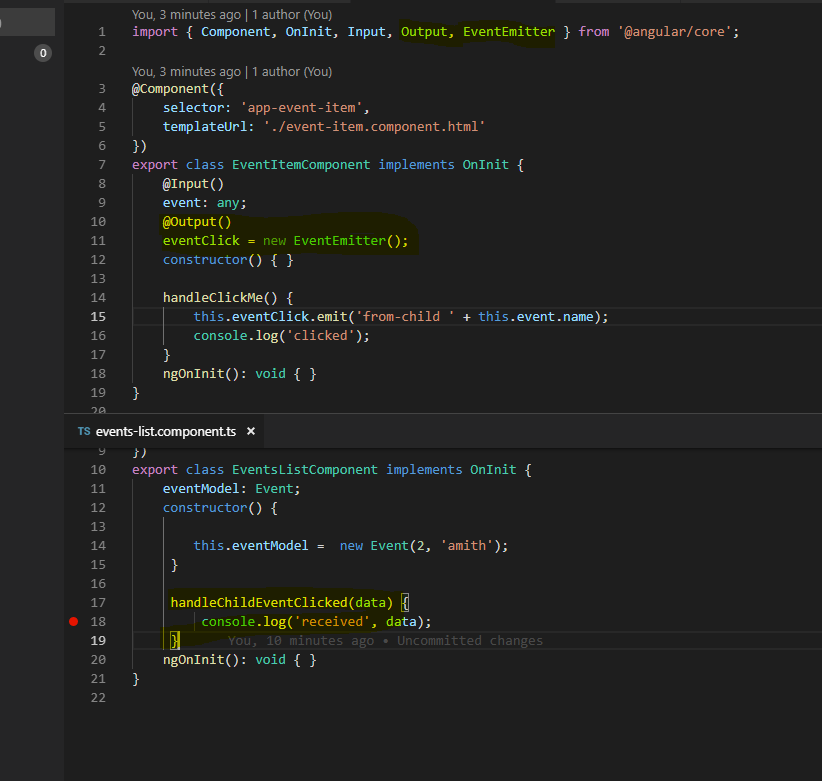


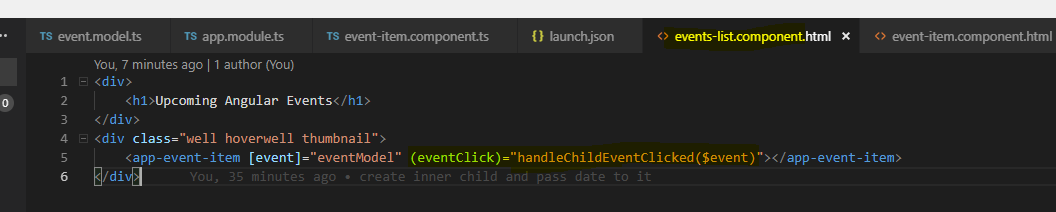
Pass data between components

Parent to child



Child to Parent output





Accessing child component public properties,

Using template variables



3 ways of handling inter component communication

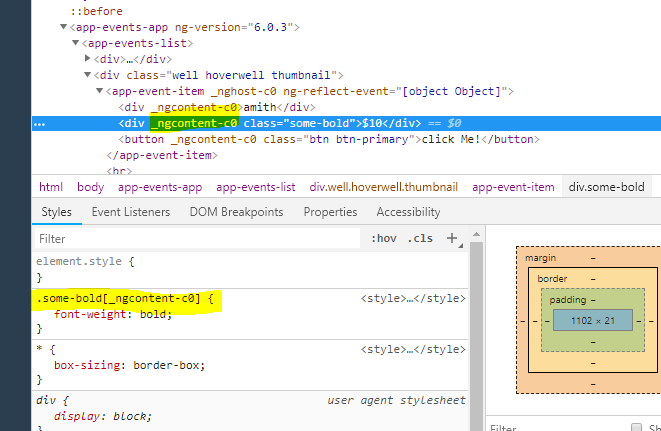
Input, Output Properties

Template variables

# Styling Components



CSS are encapsulated to its component, ng add some flags to css

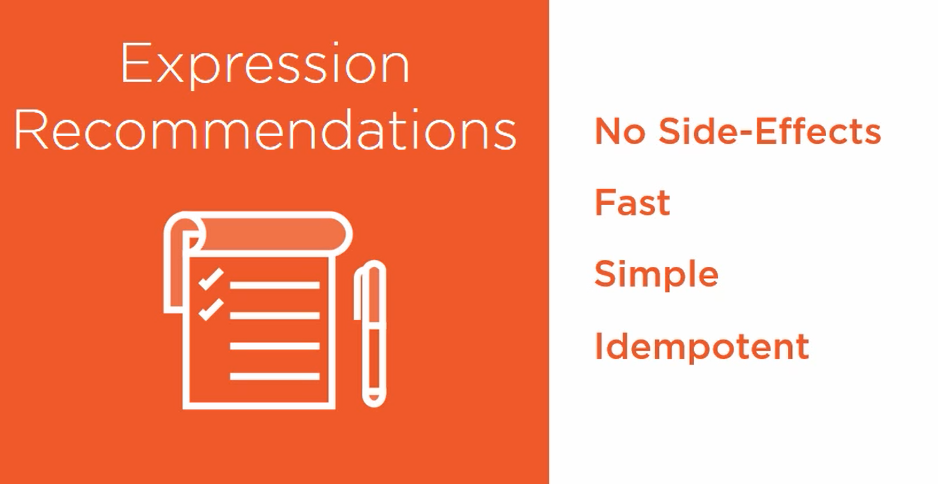






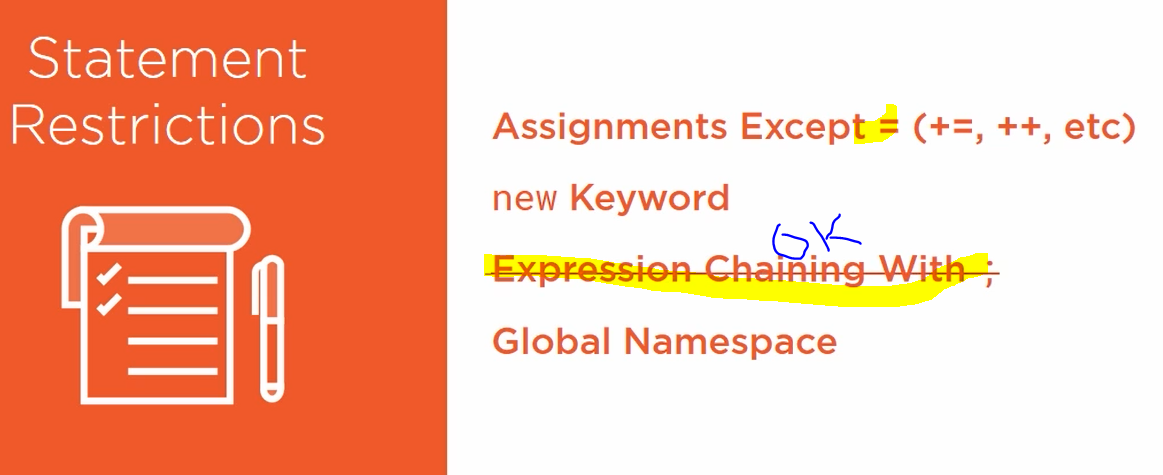
Expressions cant do





Event bindings and statements ( )





# Structural Directives

\*ngFor



Handling NULL values in the template

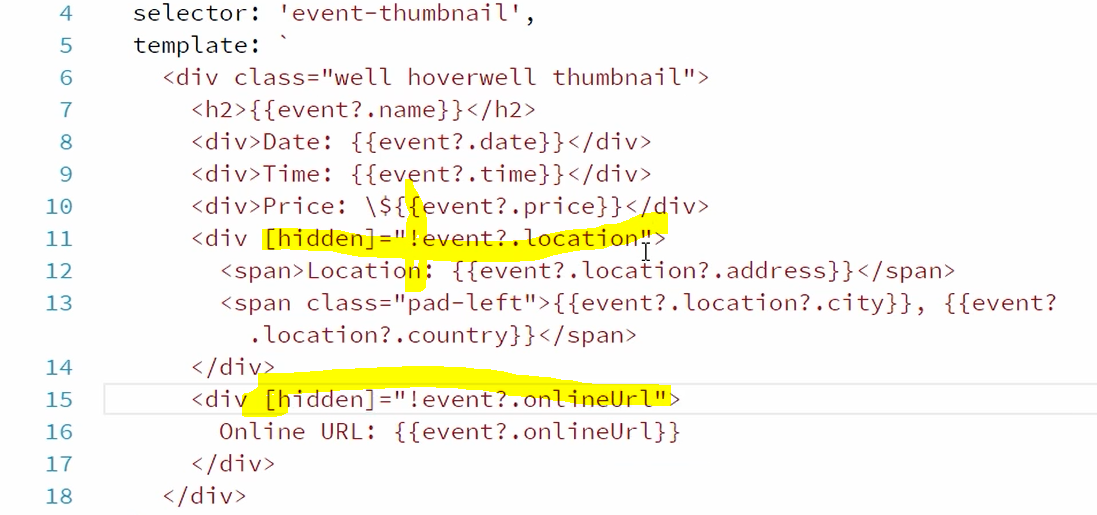
* Safe navigation operator



\*ngIF



Hide section using hidden HTML property

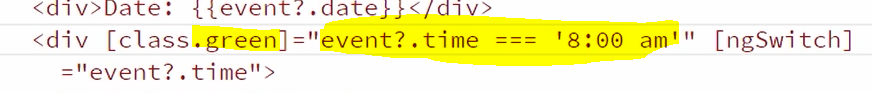


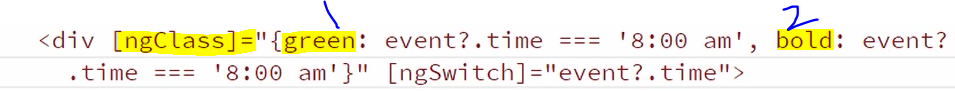
\*ngSwitchCase



\*ngCalss binding;

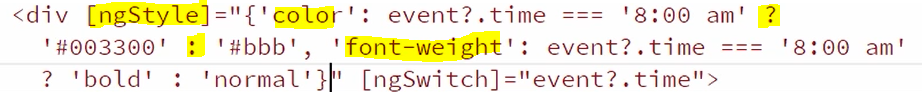
if the expression true add he css class tothis element







\*ngStyle



# 



Create new service as injectable in a shared folder,

Register service in module.ts

Import service as a Dependency in constructor



