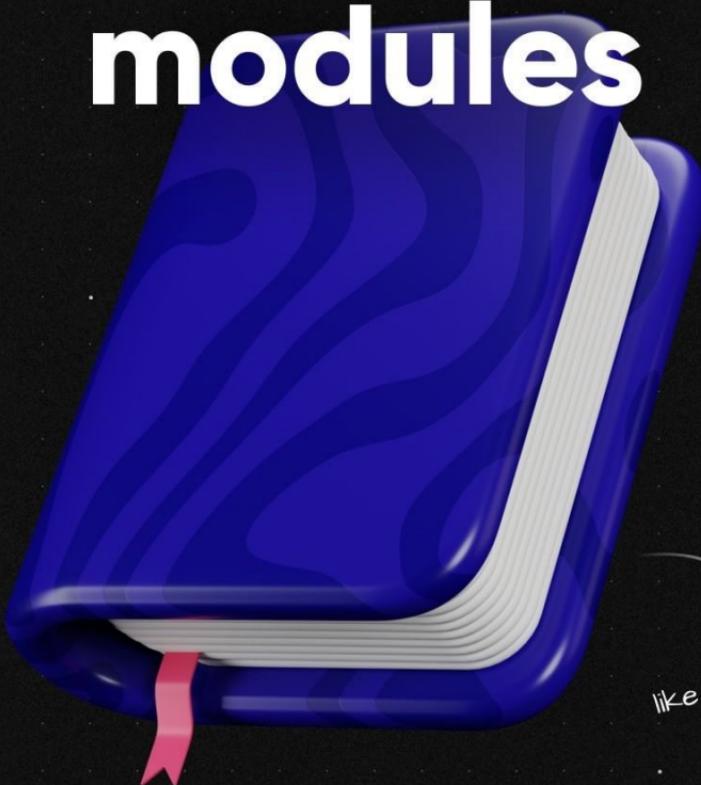


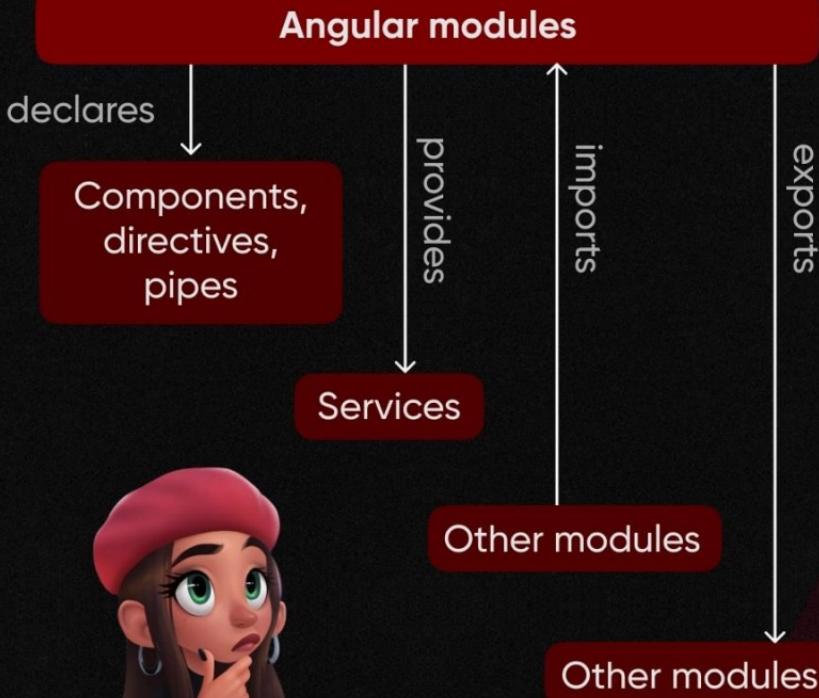


Angular modules



like and share

The Angular App





Important points on Angular modules

Angular modules help us **group and organize** our application code into smaller chunks.

The main module which implements Angular's core functionality, low-level services and utilities is **@angular/core**

Angular applications always have atleast one module : **AppModule**.

Other important **feature** modules:
FormsModule, **HttpClientModule**,
RouterModule.



Command to generate new module

```
ng generate module module_name
```

A module is a **mechanism to group components**, directives, pipes and services that are **related**, in such a way that can be combined with other modules to create an application.

In case of websites, the header, footer, left center and right section become part of a module.



NgModule Structure

```
● ● ●  
import { BrowserModule } from  
'@angular/platform-browser'; ←  
import { NgModule } from  
'@angular/core';  
import { AppComponent } from  
'./app.component';  
  
@NgModule({  
  declarations: [  
    AppComponent  
,  
  imports: [  
    BrowserModule  
,  
  exports: [],  
  providers: [],  
  bootstrap: [AppComponent]  
})
```

We need to import
BrowserModule only
once in Root Module
throughout the application



ngModule() decorator

It is a function that takes simple metadata object, whose properties **describe** the module.

Declarations array

Components, directives and pipes that belong to this NgModule are **declared** in this section.

```
● ● ●  
declarations: [  
  AppComponent,  
  NewCmpComponent  
]
```



Providers array

Here you can add **services** which you want to add to the global collection.
The services are then available for injection via dependency injection.



```
providers: [  
  AuthService,  
  NavbarService  
]
```

Imports array



```
imports: [  
  BrowserModule,  
  FormsModule  
]
```

Feature modules are imported here.

Any components, directives and pipes defined and exported in that module can be used in this one



Exports array

If you specify the components, pipes and directives here it can be used by **other modules**.

Bootstrap

This includes the main app component which is the **starting point** for the app execution.



```
bootstrap: [AppComponent]
```

leave it blank if it is not
the root module



Swipe →

Do you find it helpful?

let me know down in the
comments !



Slobodan Gajić

Content Creator



FOLLOW FOR MORE