Anita Taylor 10/17/2022 Web 425 assignment 1.1

Angular defines modules as a metadata object that describes how to compile a component’s template and how to create an injector at runtime. So bascally a module is a logical block or container that holds something like components, directives, pipes, and services that are related in such a way that you can combine it with other modules to create an application. The module is a container for the application controllers which always belong to a module. So an angular application is kind of like a set of Lego’s, where each piece is needed to be able to see the whole picture of what your building. These modules should have a single responsibility and be extensible to help you build your Angular application.

There are a few common types of modules like the AppModule, CoreModule, SharedModule, FeatureModules, and RoutingModule just to name a few.

Angular applications have their own modularity system called NgModules and every Angular application has at least one NgModule class, (the root module) which is conventionally named AppModule and resides in a file named app.module.ts . You launch your application by bootstrapping the root NgModule.

In short Angular modules are a fundamental building block to any Angular application as they declare which components, directives, and pipes belong to that module.

I got this example off of github: It shows you how the Angular CLI generates a basic app module when creating a new app.

|  |
| --- |
| // imports |
|  | import { BrowserModule } from '@angular/platform-browser'; |
|  | import { NgModule } from '@angular/core'; |
|  |  |
|  | import { AppComponent } from './app.component'; |
|  |  |
|  | // @NgModule decorator with its metadata |
|  | @NgModule({ |
|  | declarations: [AppComponent], |
|  | imports: [BrowserModule], |
|  | providers: [], |
|  | bootstrap: [AppComponent] |
|  | }) |
|  | export class AppModule {} |

<https://angular.io/guide/architecture-modules>

https://dev.to/this-is-angular/understanding-angular-modules-41pb