

MÓDULOS EN ANGULAR

Módulos

```
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { HttpClientModule } from '@angular/common/http';
import { NgModule } from '@ng-bootstrap/ng-bootstrap';
import { Ng2GoogleChartsModule } from 'ng2-google-charts';
import { FormsModule } from '@angular/forms';
import { NgxEchartsModule } from 'ngx-echarts';
import { ImageCropperModule } from 'ngx-image-cropper';

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { ServiceWorkerModule } from '@angular/service-worker';
import { environment } from '../environments/environment';

import { DataService } from './services/data.service';
import { AuthGuard } from './services/auth.guard';
import { HomeComponent } from './pages/home/home.component';
import { EntrenamientosComponent } from './pages/entrenamientos/entrenamientos.component';
import { DetallesEntrenamientosComponent } from './pages/detalles-entrenamientos/detalles-entrenamientos.component';
import { ConfigComponent } from './pages/config/config.component';
import { EvoComponent } from './pages/evo/evo.component';
import { LoginComponent } from './pages/login/login.component';
import { HomeComponent } from './pages/home-center/home-center.component';
import { ResetPasswordComponent } from './pages/reset-password/reset-password.component';

@NgModule({
  declarations: [
    AppComponent,
    HomeComponent,
    EntrenamientosComponent,
    DetallesEntrenamientosComponent,
    ConfigComponent,
    EvoComponent,
    LoginComponent,
    HomeComponent,
    ResetPasswordComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    HttpClientModule,
    ServiceWorkerModule.register('ngsw-worker.js', { enabled: environment.production }),
    NgModule.forRoot(),
    Ng2GoogleChartsModule,
    FormsModule,
    NgxEchartsModule,
    ImageCropperModule
  ],
  providers: [DataService, AuthGuard],
  bootstrap: [AppComponent]
})
export class AppModule {}
```

Cada app de Angular contiene al menos un NgModule, el módulo raíz.

Si bien una aplicación pequeña puede tener solo un NgModule, la mayoría de apps tienen muchos más módulos.

NgModule

```
@NgModule({
  declarations: [
    AppComponent,
    HomeComponent,
    EntrenamientosComponent,
    DetallesEntrenamientosComponent,
    ConfigComponent,
    EvoComponent,
    LoginComponent,
    HomeCenterComponent,
    ResetPasswordComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    HttpClientModule,
    ServiceWorkerModule.register('ngsw-worker.js', { enabled: environment
.production }),
    NgbModule.forRoot(),
    Ng2GoogleChartsModule,
    FormsModule,
    NgxEchartsModule,
    ImageCropperModule
  ],
  providers: [DataService, AuthGuard],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

Metadatos de un **módulo**:

- *declarations*: componentes, directivas y pipes.
- *exports*: para exportar componentes específicos de este módulo.
- *imports*: otros módulos o librerías.
- *providers*: servicios.
- *bootstrap*: Solo el módulo raíz deberá almacenar esta propiedad. Enlaza el componente principal.