Curso 2021-2022

# Angular 12

**Resto de componentes**

```html
navbar.component.html M  ✕

ghibli-app > src > app > core > components > navbar > 🖺 navbar.component.html > 🔷 nav.navbar.navbar-expand-lg.navbar-dark.bg-dark > 🔷 div.container-
     Go to component
 1  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
 2    <div class="container-fluid">
 3      <a class="navbar-brand" routerLink="/"><img class="logo" src="{{ imgLogo }}" alt="Logo app"/></a>
 4      <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarGhibli" aria-controls="
 5        <span class="navbar-toggler-icon"></span>
 6      </button>
 7      <div class="collapse navbar-collapse" id="navbarGhibli">
 8        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
 9          <li class="nav-item">
10            <a class="nav-link active" routerLinkActive="active" [routerLinkActiveOptions]="{exact: true}" routerLink="/">H
11          </li>
12          <li class="nav-item">
13            <a class="nav-link" routerLinkActive="active" routerLink="ghibli/films">Films</a>
14          </li>
15          <li class="nav-item">
16            <a class="nav-link" routerLinkActive="active" routerLink="ghibli/people">People</a>
17          </li>
```

Añadimos la opción en el navbar

```typescript
ghibli-routing.module.ts M  ✕

ghibli-app > src > app > ghibli > 🅰 ghibli-routing.module.ts > 🔢 routes
 1  import { NgModule } from '@angular/core';
 2  import { RouterModule, Routes } from '@angular/router';
 3  import { FilmListComponent } from './components/films/film-list/film-list.component';
 4  import { LocationListComponent } from './components/locations/location-list/location-list.component';
 5  import { PeopleListComponent } from './components/people/people-list/people-list.component';
 6
 7  const routes: Routes = [
 8    {
 9      path: 'films',
10      component: FilmListComponent,
11    },
12    {
13      path: 'people',
14      component: PeopleListComponent,
15    },
16    {
```

Creamos el componente que lista el recurso dentro de la carpeta components dentro del módulo ghibli. Gestionamos las rutas en el módulo **ghibli.**

```
inma@MacBook-Pro-de-Inmaculada app % ng g c ghibli/components/people/people-list --skip-tests
CREATE src/app/ghibli/components/people/people-list/people-list.component.scss (0 bytes)
CREATE src/app/ghibli/components/people/people-list/people-list.component.html (26 bytes)
CREATE src/app/ghibli/components/people/people-list/people-list.component.ts (295 bytes)
UPDATE src/app/ghibli/ghibli.module.ts (645 bytes)
inma@MacBook-Pro-de-Inmaculada app %
```

```typescript
req-resp.ts M  ✕

ghibli-app > src > app > ghibli > models > 📘 req-resp.ts > ...
13    rt_score:              string;
14    people:                string[];
15    species:               string[];
16    locations:             string[];
17    vehicles:              string[];
18    url:                   string;
19  }
20
21  export interface PeopleResponse {
22    id:           string;
23    name:         string;
24    gender:       Gender;
25    age:          string;
26    eye_color:    string;
27    hair_color:   string;
28    films:        string[];
29    species:      string;
30    url:          string;
31  }
32
33  export enum Gender {
34    Female = "Female",
35    Male = "Male",
36    Na = "NA",
37  }
```

Añadimos las interfaces, el modelo y añadimos el servicio correspondiente.

```
inma@MacBook-Pro-de-Inmaculada app % ng g s ghibli/services/rest-ghibli-people --skip-tests
CREATE src/app/ghibli/services/rest-ghibli-people.service.ts (145 bytes)
inma@MacBook-Pro-de-Inmaculada app %
```

```ts
character.ts U ×

ghibli-app > src > app > ghibli > models > character.ts > Ch
1   import { Gender, PeopleResponse } from "./req-r
2
3   export class Character {
4     static peopleFromJSON(obj: PeopleResponse) {
5       return new Character(
6         obj['id'],
7         obj['name'],
8         obj['gender'],
9         obj['age'],
10        obj['eye_color'],
11        obj['hair_color'],
12        obj['films'],
13        obj['species'],
14        obj['url']
15      )
16    }
17
18    constructor(
19      public id:        string,
20      public name:      string,
21      public gender:    Gender,
22      public age:       string,
23      public eye_color: string,
24      public hair_color: string,
25      public films:     string[],
26      public species:   string,
27      public url:       string
28    ) {}
29
```

Este sería el modelo.

```ts
rest-ghibli-people.service.ts U ×

ghibli-app > src > app > ghibli > services > rest-ghibli-people.service.ts > ...
1   import { HttpClient } from '@angular/common/http';
2   import { Injectable } from '@angular/core';
3   import { map } from 'rxjs/operators';
4   import { Character } from '../models/character';
5   import { PeopleResponse } from '../models/req-resp';
6
7   @Injectable({
8     providedIn: 'root'
9   })
10  export class RestGhibliPeopleService {
11    public urlLocations: string = "https://ghibliapi.herokuapp.com/people";
12    constructor(private http: HttpClient) { }
13
14    public getPeople()
15    {
16      return this.http.get<PeopleResponse[]>(this.urlLocations).pipe(
17        map((resp: PeopleResponse[]) => {
18          return resp.map( character => Character.peopleFromJSON(character))
19        })
20      );
21    }
22
23  }
```

Este sería el código del servicio.

```html
> src > app > ghibli > components > people > people-list > 🔶 people-list.com
                Go to component
 1  <div class="table-responsive">
 2    <table class="table table-hover table-striped">
 3      <thead>
 4        <tr>
 5          <th scope="col">#</th>
 6          <th scope="col">Name</th>
 7          <th scope="col">Gender</th>
 8          <th scope="col">Age</th>
 9        </tr>
10      </thead>
11      <tbody>
12        <tr *ngFor="let person of people; index as i">
13          <th scope="row">{{ i + 1 }}</th>
14          <td>{{ person.name }}</td>
15          <td>{{ person.gender }}</td>
16          <td>{{ person.age }}</td>
17        </tr>
18      </tbody>
19    </table>
20  </div>
21
```

```typescript
ghibli-app > src > app > ghibli > components > people > people-list > 🅰 people-list.component.ts > ⚡ PeopleListCompone
 1  import { Component, OnInit } from '@angular/core';
 2  import { Character } from 'src/app/ghibli/models/character';
 3  import { RestGhibliPeopleService } from 'src/app/ghibli/services/rest-ghibli-people.service';
 4
 5  @Component({
 6    selector: 'app-people-list',
 7    templateUrl: './people-list.component.html',
 8    styleUrls: ['./people-list.component.scss']
 9  })
10  export class PeopleListComponent implements OnInit {
11
12    public people: Character[] = [];
13    constructor(private restPeopleService: RestGhibliPeopleService) { }
14
15    ngOnInit(): void {
16      this.getPeople();
17    }
18
19    public getPeople() {
20      this.restPeopleService.getPeople().subscribe((response) => {
21        this.people = response;
22      });
23    }
24
25  }
```

En el template tendríamos.

En el ts del componente tendríamos.

Una vez hecho esto
debemos hacer lo
mismo con el resto
de recursos:
Location, Vehicles…
De momento, el
resultado es:

| # | Name | Gender | Age |
|---|------|--------|-----|
| 1 | Haku | Male | 12 |
| 2 | Pazu | Male | 13 |
| 3 | Lusheeta Toel Ul Laputa | Female | 13 |
| 4 | Captain Dola | Female | 60 |
| 5 | Romska Palo Ul Laputa | Male | 33 |
| 6 | Uncle Pom | Male | Unspecified/Elderly |
| 7 | General Mouro | Male | Unspecified/Adult |
| 8 | Duffi | Male | Unspecified/Adult |
| 9 | Louis | Male | 30 |
| 10 | Charles | Male | Unspecified/Adult |
| 11 | Henri | Male | Unspecified/Adult |
| 12 | Motro | Male | Unspecified/Adult |
| 13 | Okami | Female | 50 |
| 14 | Ashitaka | Male | late teens |
| 15 | San | Female | 17 |
| 16 | Eboshi | Female | Unspecified/Adult |
| 17 | Jigo | Male | Middle age |
| 18 | Kohroku | Male | Adult |