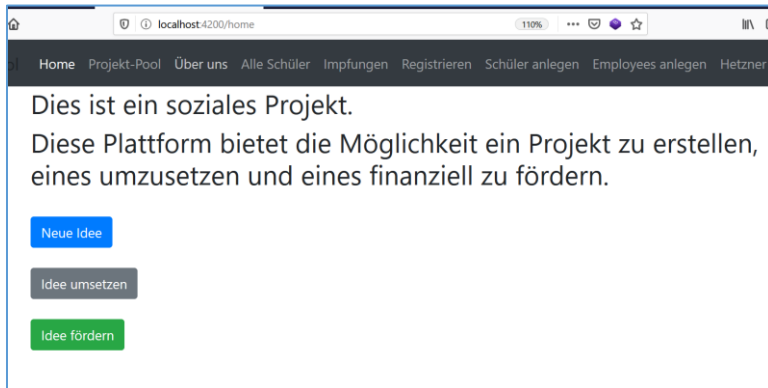


In Angular ein Bootstrap-Karussell anlegen

<https://www.youtube.com/watch?v=vFmiNruFRL4>

Code: <https://github.com/Ohtsu/ng8-bootstrap4-carousel/tree/master/src/app>

Unterhalb dieser Seite soll das Karussell erstellt werden.



1)Modul nachinstallieren

Installieren mit „npm“ im Terminal:

<https://www.npmjs.com/package/@ng-bootstrap/ng-bootstrap>

```
PS C:\angular_rk\idee> npm install --save @ng-bootstrap/ng-bootstrap
```

```
npm install --save @ng-bootstrap/ng-bootstrap
```

2)Füge das neue Modul auch in „app.module.ts“ ein

hier Zeile 13:

```
import { NgbModule } from '@ng-bootstrap/ng-bootstrap';
```

```
app.module.ts ×
src > app > app.module.ts > ...
 9  import { FormLocalComponent } from './form-local/form-local.component';
10  import { EmployeesComponent } from './employees/employees.component';
11  import { FormHetznerComponent } from './form-hetzner/form-hetzner.component';
12
13  import { NgbModule } from '@ng-bootstrap/ng-bootstrap';
14
```

Darunter auch in den „imports“:

```
26  imports: [
27    BrowserModule,
28    AppRoutingModule,
29    HttpClientModule,
30    FormsModule,
31    NgbModule,
32  ],
```

3)HTML-Code kopieren

Folgender Code füge in die [home.component.html](#) ein:

Füge es nach den Buttons ein: ab Zeile 13.

```
home.component.html x
src > app > home > home.component.html > div.container > div.row > div.col-md-8 >
5 <br>
6 <a class="btn btn-primary" routerLink="/ideeneu" routerLinkActive="activ
7 <br><br>
8 <a class="btn btn-secondary" routerLink="/ideeumsetzen" routerLinkActive
9 <br><br>
10 <a class="btn btn-success" routerLink="/ideefoerdern" routerLinkActive="
11 <br><br>
12
13 <div class="row">
14   <div class="col-md-2">
15   </div>
16   <div class="col-md-8">
17     <ngb-carousel *ngIf="images">
18     <ng-template ngbSlide>
```

```
<div class="row">
<div class="col-md-2">
</div>
<div class="col-md-8">
<ngb-carousel *ngIf="images">
<ng-template ngbSlide>
<img [src]="images[0]" alt="Random first slide">
<div class="carousel-caption">
<h3>2 seconds between slides...</h3>
<p>This carousel uses customized default values.</p>
</div>
</ng-template>
<ng-template ngbSlide>
<img [src]="images[1]" alt="Random second slide">
<div class="carousel-caption">
<h3>Mouse events...</h3>
<p>This carousel pause or resume on mouse events</p>
</div>
</ng-template>
<ng-template ngbSlide>
<img [src]="images[2]" alt="Random third slide">
<div class="carousel-caption">
```

```

<h3>No keyboard...</h3>
<p>This carousel uses customized default values.</p>
</div>
</ng-template>
<ng-template ngbSlide>
<img [src]="images[3]" alt="Random fourth slide">
<div class="carousel-caption">
<h3>And wrap after last slide.</h3>
<p>This carousel uses customized default values.</p>
</div>
</ng-template>
</ngb-carousel>
<div class="col-md-2">
</div>
</div>

```

4)Code in die „home.component.ts“

Füge diesen Code ein: Zeile 2:

```
import {NgbCarouselConfig} from '@ng-bootstrap/ng-bootstrap';
```

```

home.component.ts X
src > app > home > home.component.ts > HomeComponent
1  import { Component } from '@angular/core';
2  import {NgbCarouselConfig} from '@ng-bootstrap/ng-bootstrap';
3

```

In den „Component“ füge die Zeile mit den „providers“ ein:

```
providers: [NgbCarouselConfig]
```

(Beachte den Beistrich in der Zeile darüber)

```

4  @Component({
5    selector: 'rk-home',
6    templateUrl: './home.component.html',
7    styleUrls: ['./home.component.css'],
8    providers: [NgbCarouselConfig]
9  })

```

Darunter:

```
images = [1, 2, 3, 4].map(() => `https://picsum.photos/900/500?random&t=${Math.random()}`);
```

```
constructor(config: NgbCarouselConfig) {  
  config.interval = 2000;  
  config.wrap = true;  
  config.keyboard = false;  
  config.pauseOnHover = true;  
}
```

```
10 export class HomeComponent {  
11  
12   images = [1, 2, 3, 4].map(() => `https://picsum.photos/900/500?random&t=${Math.r  
13  
14   constructor(config: NgbCarouselConfig) {  
15     config.interval = 2000;  
16     config.wrap = true;  
17     config.keyboard = false;  
18     config.pauseOnHover = true;  
19   }  
20 }
```

Ergebnis:

Es werden 4 Bilder aus dem Internet von der Seite „picsum“ geladen:

```
=> `https://picsum.photos/900/500?random&t=${Math.random()}`);
```

