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Ajout de la liste de héros a la place d'un serveur :

```
app.module.ts x angular.json x mock-heroes.ts x
1 import { Hero } from './hero';
2
3 export const HEROES: Hero[] = [
4   { id: 1, name: 'Superman' },
5   { id: 2, name: 'Petrus' },
6   { id: 3, name: 'Maxence' },
7   { id: 4, name: 'Nicolas Bem' },
8   { id: 5, name: 'Stickos' },
9   { id: 6, name: 'Nobuki' },
10  { id: 7, name: 'Mectose' },
11  { id: 8, name: 'E36' },
12  { id: 9, name: 'Sapin de Noel' },
13  { id: 0, name: 'l argent' }
14 ];
15
```

```
import { Component, OnInit } from '@angular/core';
import { Hero } from '../hero';
import { HEROES } from '../mock-heroes';
```

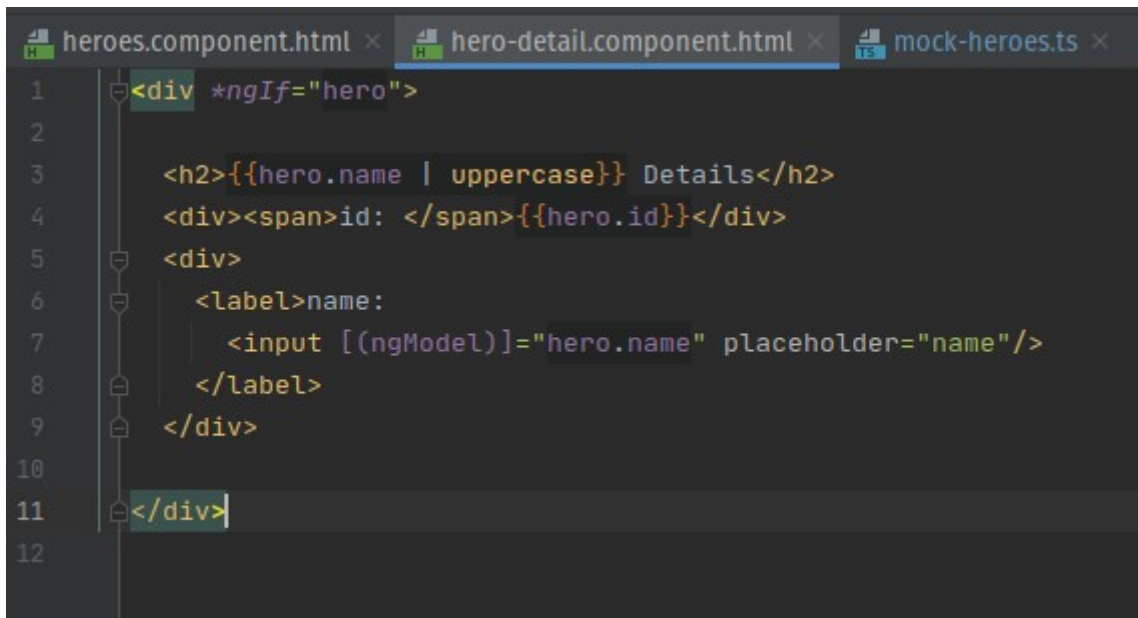
Ajout de la fonction Onclick

```
app.module.ts x angular.json x mock-heroes.ts x heroes.component.ts x
12
13 constructor() { }
14
15
16
17 name: 'Windstorm'
18 };
19 selectedHero: Hero;
20 onSelect(hero: Hero): void {
21   this.selectedHero = hero;
22 }
23 ngOnInit(): void {
24
25 }
26 }
27
28
```

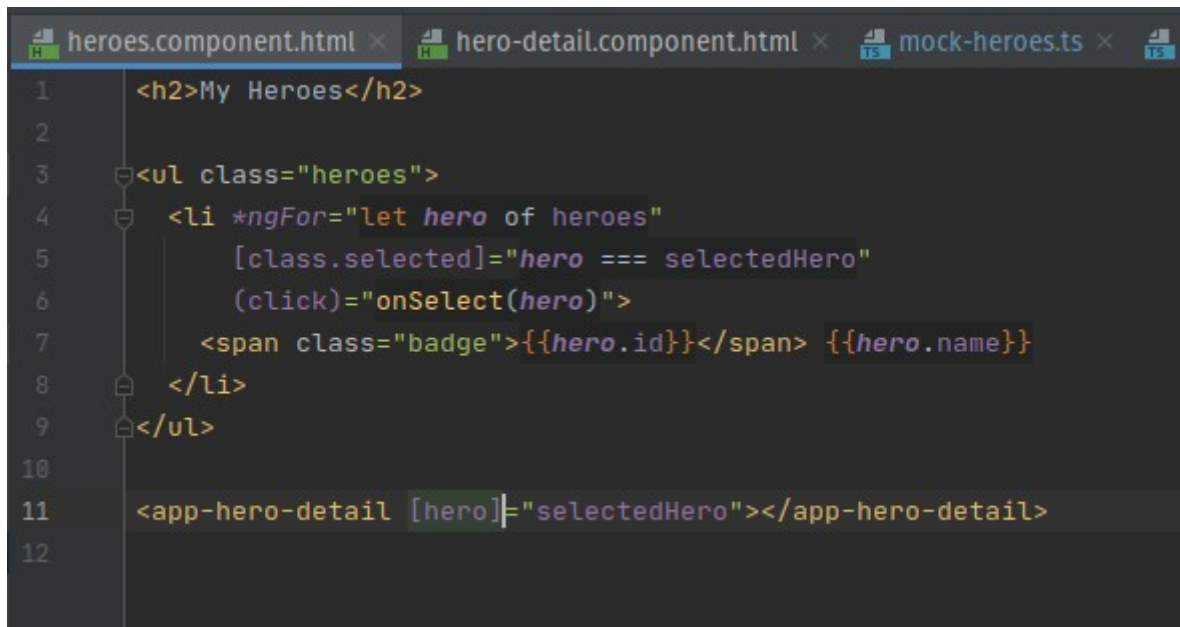
Avant le patch, impossible d'afficher quoi que ce soit.

Fin du TP4

```
romainhaudry-michelet@pop-os:~/angular-tour-of-heroes$ ng generate component hero-detail
CREATE src/app/hero-detail/hero-detail.component.scss (0 bytes)
CREATE src/app/hero-detail/hero-detail.component.html (26 bytes)
CREATE src/app/hero-detail/hero-detail.component.spec.ts (655 bytes)
CREATE src/app/hero-detail/hero-detail.component.ts (295 bytes)
UPDATE src/app/app.module.ts (639 bytes)
```



```
1 <div *ngIf="hero">
2
3   <h2>{{hero.name | uppercase}} Details</h2>
4   <div><span>id: </span>{{hero.id}}</div>
5   <div>
6     <label>name:
7       <input [(ngModel)]="hero.name" placeholder="name"/>
8     </label>
9   </div>
10
11 </div>
12
```



```
1 <h2>My Heroes</h2>
2
3 <ul class="heroes">
4   <li *ngFor="let hero of heroes"
5     [class.selected]="hero === selectedHero"
6     (click)="onSelect(hero)">
7     <span class="badge">{{hero.id}}</span> {{hero.name}}
8   </li>
9 </ul>
10
11 <app-hero-detail [hero]="selectedHero"></app-hero-detail>
12
```

Le résultat finale est celui attendu, on séparé nos deux morceaux de code pour faire un composants réutilisable.

TP6 :

Creation du service :

```
romainhaudry-michelet@pop-os:~/angular-tour-of-heroes$ ng generate service hero
CREATE src/app/hero.service.spec.ts (347 bytes)
CREATE src/app/hero.service.ts (133 bytes)
romainhaudry-michelet@pop-os:~/angular-tour-of-heroes$
```

service hero ts :



```
1  import { Injectable } from '@angular/core';
2
3  @Injectable({
4    providedIn: 'root',
5  })
6  export class HeroService {
7
8    constructor() { }
9
10 }
11
```

Fonction gethero :



```
1  import { Injectable } from '@angular/core';
2  import { Hero } from './hero';
3  import { HEROES } from './mock-heroes';
4
5  @Injectable({
6    providedIn: 'root',
7  })
8  export class HeroService {
9
10   constructor() { }
11
12   getHeroes(): Hero[] {
13     return HEROES;
14   }
15 }
```

mise a jour du hero component

```
import { Component, OnInit } from '@angular/core';
import { Hero } from '../hero';
import { HEROES } from '../mock-heroes';
import { HeroService } from '../hero.service';

@Component({
  selector: 'app-heroes',
  templateUrl: './heroes.component.html',
  styleUrls: ['./heroes.component.scss']
})

export class HeroesComponent implements OnInit {

  constructor() { }

  heroes: Hero[];

  hero: Hero = {
    id: 1,
  }
}
```

Suite :

```
export class HeroesComponent implements OnInit {

  constructor(private heroService: HeroService) {}

  heroes: Hero[];

  selectedHero: Hero;

  onSelect(hero: Hero): void {
    this.selectedHero = hero;
  }

  ngOnInit(): void {

  }

  getHeroes(): void {
    this.heroes = this.heroService.getHeroes();
  }

}
```

Creation du component message :

```
romainhaudry-michelet@pop-os:~/angular-tour-of-heroes$ ng generate component messages
CREATE src/app/messages/messages.component.scss (0 bytes)
CREATE src/app/messages/messages.component.html (23 bytes)
CREATE src/app/messages/messages.component.spec.ts (640 bytes)
CREATE src/app/messages/messages.component.ts (284 bytes)
UPDATE src/app/app.module.ts (649 bytes)
romainhaudry-michelet@pop-os:~/angular-tour-of-heroes$
```

App component html :

```
1 <h1>{{title}}</h1>
2 <app-heroes></app-heroes>
3 <app-messages></app-messages>
4
```

creation service message :

```
romainhaudry-michelet@pop-os:~/angular-tour-of-heroes$ ng generate service message
CREATE src/app/message.service.spec.ts (362 bytes)
CREATE src/app/message.service.ts (136 bytes)
romainhaudry-michelet@pop-os:~/angular-tour-of-heroes$
```

Petite particularité,chez moi, mes fichiers styles sont en scss (je prend l'habitude de faire du scss car nouvelle norme) il faut donc souvent que je repasse derrière pour modifier les .css en .scss pour les imports et autres.

Sinon pas d'autres problème .