

Interfaces

- Interfaces are used all over the place
- The most notable ones are the *LifeCycle Hooks*
- Angular defines the interfaces and you have to provide the implementation
- Angular defines the `lifeCycle` interfaces in the `link` folder:

```
1 export interface OnChanges {  
2     ngOnChanges(changes: {  
3         [key: string]: SimpleChange  
4     });  
5 }  
6  
7 export interface OnInit {  
8     ngOnInit();  
9 }  
10  
11 export interface OnDestroy {  
12     ngOnDestroy();  
13 }
```

Below is an example of using the `onInit` hook:

```
1 import {bootstrap} from 'angular';  
2 import {onClick} from 'angular';  
3 @component({  
4     selector: 'app'  
5 });  
6 class App implements onClick {}
```

The corresponding html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>example</title>
5 </head>
6 <body>
7   <app [prop]='data'></app>
8 </body>
9 </html>
```

The corresponding css:

```
1 .app {
2   display: block;
3 }
```