

Lab: Directives

Exercise 1. Selecting contacts

The contactlist is a very boring list. Wouldn't it be nice to support row highlighting when you hover over a contact in this list? Create an attribute directive that implements this.

In the end, you should be able to use this attribute binding in the following manner:

```
<table>
  <tr *ngFor="..." myHover="'gray'">Contact</tr>
</table>
```

Implement this directive.

Exercise 2: Hover for the entire table

Our previous implementation would cause the myHover attribute to be instantiated for every row. This would be a better way of doing it:

```
<table myHover="'gray'">
  <tr *ngFor="...">Contact</tr>
</table>
```

Implement that.

Challenge: Selectable

It would be nice to have a selectable attribute directive that lets the user click on rows and then perform some sort of action on those rows, such as delete them. The selectable attribute should write the selected row indexes to a selectedRows variable on the surrounding component.

```
<table selectable="selectedRows">
  <tr *ngFor="...">Contact</tr>
</table>
<button (click)="deleteAll()">Delete all contacts</button>
```