Spickzettel

Angular-CLI (master)

- git clone https://github.com/angular/angular-cli.git angular-cli
- cd angular-cli
- git checkout 01e31ab71cb8f37474edac40f4636638738aee19
- npm link

New Project

- ng new book-rating --skip-git
- cd book-rating
- npm link angular-cli
- npm start

Bootstrap (UI)

- npm install bootstrap@3.3.6 --save
  - CHANGE angular-cli-build.js: `'bootstrap/dist/**`
  - ADD index.html:
  - ADD index.html:
  - ADD optional SVG + h1

Dashboard

- ng generate component dashboard
- CHANGE dashboard.component.ts: neuer Selektor: br-dashboard + `this.books = ['Angular 2', 'AngularJS 1'];`
- CHANGE dashboard.component.ts: `template: '{{ books }}'`
- ADD app.component.ts: `import { DashboardComponent } from './dashboard'`
- CHANGE app.component.ts: `template: '<br-dashboard></br-dashboard>',`
- ADD app.component.ts: `directives: [DashboardComponent]`

Book component (Property binding)

- ng generate class shared/book

```
export class Book {
    constructor(public title: string,
                public description: string,
                public rating: number = 0) { }
}
```

- ng generate component book
- CHANGE BookComponent according to book.component-property-binding[.ts|.html]
- CHANGE dashboard.component.ts (`dashboard.component-mini.ts` from slides)
- mehrere bücher:
  - Array of books[]!
  - `<br-book [information]="book" *ngFor="let book of books; let i = index"></br-book>`

Dashboard component (Event binding)

- ADD templateUrl: --> `dashboard.component-event-binding`
- ADD `add(title, comment) {}`

Book Component (Rating buttons)

- HTML, Buttons:

```
<button (click)="rateUp()" class="btn btn-default glyphicon glyphicon-thumbs-up"></button>
<button (click)="rateDown()" class="btn btn-default glyphicon glyphicon-thumbs-down"></button>
```

  - TS: add methods to book entitity

```
rateUp() { this.rating++;  }
rateDown() { this.rating--; }
```

Running TESTS

- `ng build && ng test --build=false` see https://github.com/angular/angular-cli/issues/864