Test backend project for adding / displaying news items

REST API

Acceptable request / response content type is `application/json` only.

On success HTTP status code 200 is returned, otherwise 4XX family code is returned on failure.

News represented as `JSON` with following structure

```
{
  "id": {Long},
  "title": {String}
  "author": {String},
  "content": {String},
  "publishDate": {Date}
}
```

URL `/news`

Supported methods

- `POST` - create news item, return `id` of created item in response body
- `GET` - retrieve all news items as JSON list in response body

URL `/news/${id}`

`id` is identifier of news item

Supported methods

- `GET` - retrieve single news item as JSON in response body

How to build

1. Unzip source archive
2. Navigate to `test-dw-ch-src` folder
3. Execute commands that will download `Gradle` build tool, run test and create distribution

   Windows

       gradlew.bat clean test distZip

   Unix

       ./gradlew clean test distZip

4. Distribution archive is located at `build/distributions/test-dw-ch.zip`

How to run

1. Unzip distribution archive

2. Navigate to `test-dw-ch` folder

3. Create empty database

   Windows

   bin\test-dw-ch db migrate main.yml

   Unix

   ./bin/test-dw-ch db migrate main.yml

4. Start server

   Windows

   bin\test-dw-ch server main.yml

   Unix

   ./bin/test-dw-ch server main.yml

5. Server can be reached at URL `http://localhost:8080`. By default `8080` port is used.