

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.