

API documentation

Start the Actix web server back-end

Initialize the cloud based MySql database via docker:

`sudo docker run --name some_m -e MYSQL_ROOT_PASSWORD=my_secret -d mysql:latest`

Navigate to `/auth_api_w_actix` dir and initialize diesel: **`diesel setup`**

Build the application using **`cargo run`** command this starts the server on localhost:8080

Available endpoints

1. Login endpoint:

`POST http://127.0.0.1:8080/api/login`

body:

```
{
  "username": "usr245",
  "password": "pas"
}
```

returns an JWT token

2. Register endpoint:

`POST http://127.0.0.1:8080/api/register`

body:

```
{
  "id": "1",
  "name": "usr245",
  "email": "a@a.com",
  "password": "pas"
}
```

3. Get all users

`GET http://127.0.0.1:8080/api/users`

With Authorization header set to the API key that was retrieved by the login endpoint, the endpoint returns a vector of users.

Yew front-end server

Navigate to `/auth_w_yew` directory and run **`trunk serve --port 3000`** Navigate to `http://127.0.0.1:3000`. The application will automatically reload if you change any of the source files.

App diagram

Front-end and back-end parts communicate via common proxy.

