Access API: Documentation

Introduction

This is the documentation for the Access API (AAPI)
Access API is a very simple API that helps you set up a register of users that includes only their user_name and their password.

Resource Formats

The default resource format is JSON (application/json).

Prefix

All End Points (i.e. resources) need to be prefixed with:
https://teaching.maumt.se/apis/access/

Malfunction

AAPI malfunctions sometimes and sends a response with status 418 (I'm not a teapot).

Resources

Resource: login (GET)

This GET-request allows you to check a pair of credentials (username and password).

```
prefix?action=check_credentials&user_name=X&password=Y
```

If the user_name does not exist in the register or the password is not correct, AAPI serves a response with status 404 (Not found).

Otherwise, it serves a 200 response and the resource will be an object:

```
{
  user_name: string,
  password: string,
}
```

…with the same user_name and password as were sent.

Resource: register (POST)

This POST-request allows you to add a new user to the register. The body of the request must have the structure:

```
{
  action: "register",
  user_name: string,        username to register
  password: string,         password to register
}
```

If the user_name is already in the register, the server will send a response with status 409 (Conflict).

Otherwise, it serves a 200 response and the resource will be an object:

```
{
  user_name: string,
  password: string,
}
```

…with the same user_name and password as were sent.