

API AREA

Preface

This Project is made by Benjamin Piriac, Mark-Antoine Wittling, Matieu Dèru, Stànisslass Hérron, Jean Bougnarel and Mikael Gerard, for Epitech.

Introduction

The AREA is a simple dashboard with services. Each services have action or reaction. Some of them will need OAuth2. It is build with docker. The purpose of the project is to creating AREA :

- Action : A predefined event triggering a reaction (like a new post from someone on reddit)
- REAction : Predefined event supposed to be trigger by a action (like post a new image on imgur)

The project is compose of :

- **Client** : call the api and display informations, run on port 8081
- **API / Server**: manage database and call externe api and send information to the client, running on port 8080
- **Mobile client** : available on localhost:8081/client.apk

API Routes

The following commands explain there ows use

Connect - GET

<http://server:8080/connectUser>

Body :

username : username of the user

password : password of the user

Connect a user, return success or fail.

return exemple :

```
{  
  success : True  
  message : "User connected"  
}
```

Status Success : 201

Status Error : 401

Create user - POST

<http://server:8080/createUser>

Body :

username : username of the user
password : password of the user

Connect a user, return success or fail.

return exemple :

```
{  
  success : True  
  message : "User created"  
}
```

Status Success : 201

Status Error : 401

Create area- POST

<http://server:8080/CreateArea>

Body :

user_id : ID of the user
action : Action for the area
reaction : Reaction for the area
All parametter needed by the action and the reaction, exemple :
 city : City for the weather
 channel_id: Channel to post a message
 message: message to post

Create a AREA.

return exemple :

```
{  
  success : True  
  message : "Area created successfully"  
}
```

Status Success : 201

Status Error : 401

Get area- GET

<http://server:8080/GetArea>

Body :

user_id : ID of the user

Get all AREA of the user.

return exemple :

```
[
  {
    _id: "5e25e05471f19f0107f86672",
    area_id: "405ope7bk5mpo3hi",
    user_id: "405opelmk5mpevm0",
    action: "weather_time",
    actionParams: {
      city: "Nantes",
      time: "10:10"
    },
    reaction: "discord_send_message",
    reactionParams: {
      channel_id: "12435",
      message: "the weather is {weather}"
    }
  }
]
```

Status Success : 201

Status Error : 401