

DOCUMENTATION



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Summary:

I Introduction & Project Presentation

I-1 Dépendance require and how to install it

I-2 Api Used

I-3 How to build the project

I-4 How to add a new api

I-4 Request that we do and how to do request in our project

II. Welcome to our Area

II-1 Register & Login

II-2 Register to Area

II-3 Login to Area

II-4 Application overview

II-4-1 Create a new AREA

II-4-2 Triggers and reactions

I. Introduction

The main topic of this document is to present the goal and the functionalities of our area platform.

This document also presents how a developer can add some feature to our existing project.

The AREA project is a project that takes place during the third year of the EPITECH curriculum. The goal of this project is to reproduce automation platforms such as IFTT and ZAPPIER. This project is based on a principle of services involving actions and reactions.

This project is tripartite, it consists of a server, a web client and a mobile client. Each party has a specific role which are:

- The application server is the only one to embed the business logic of the project. It will offer its services to web & module clients
- The web client will only be responsible for displaying screens and forwarding requests from the user to the application server.
- The mobile client should be available on Android or Windows Mobile. It will only be responsible for displaying screens and forwarding requests from the user to the application server.

I-1 Dependence required and how to install it

The only dependence that you required is docker. Why? Because docker install all the other dependence that you need. In order to install docker you can go on [official docker website](#).

I-2 Api Used

The api that we used are:

- [jwillson/spotify-web-api](#)
- [dcastro4/laravel-gmail](#)
- [abraham/twitteroauth](#)
- [weatherstack](#)
- [github api for laravel](#)
- [youtube developers](#)

I-3 How to build the project

- Cloner le repo
- Cd B-DEV
- Docker-compose build
- Docker-compose up
- Cliquer sur

I-4 How to add a new api

To add new api to our project you should:

- go to the official api that you want to use

- Install the api dependances with the command “composer” follow by the packages that you want to install
- Create a new controller with the command “php artisan make:controller” follow by the name of the controller that you want to create, to contain the methods that you want to make.
- Create a route on the file “web.php” on the folder route if you need or want to create a route.
- Create a vue on the folder “view” of the folder “ressources” if you want to create vue for test.

I-4 Request that we do and how to do request in our project

II. Register & Login.

A. Register to our Area

You’ll need to start our application with docker-compose and then access the link in your browser. Then on the landing Page you’ll need to click on “Get Started” button and you’ll be redirected to our registration page. You’ll be able to enter your email and your password and get your account. If successfully you will be redirected to your Dashboard services page.

Google authentication is also available on our site, then you’ll be able to register with an existing google account.

B. Login to ChadArea.

You'll need to start our application with docker-compose and then access the link in your browser. Then on the landing Page you'll need to click on "Get Started" button and you'll be redirected to our registration page. At the bottom of the case click on login.

You'll be able to enter your email and your password to login. If successfully your will be redirected to your Dashboard services page.

Google authentication is also available on our site, then you'll be able to login with an existing google account.

III. Application overview.

In our area you'll be able to access to many pages such as:

- Landing page: This page will redirect you to login and registration form.
- Dashboard Services Page: Where you can create a new automatization.
- Flux Page: Here you will see all the AREA you've already created.
- Profile Page: On this page you can see your name and other information
- Documentation: Here you can find the user documentation and the developer documentation

IV. Create a new AREA

When you are redirected to Dashboard page, you can create a new area in a few steps.

First, you'll choose a service for your trigger, then you'll be logged. After this you'll choose a reaction for the trigger you choose.

Your AREA will be successfully created and will appear on your flux page.

V. Triggers and reactions

Here is a list of all our Triggers and reactions:

1 - Weather Action (Choose a city) --> Gmail Reaction (Receive the weather)

2 - Youtube Action (Like a video) --> Twitter Reaction (Post a tweet), Gmail(Receive a mail)

3- Youtube Action (Change a bio) --> Twitter Reaction (Post a tweet), Gmail(Receive a mail)

4- Youtube Action (New video) --> Twitter Reaction (Post a tweet)

5- Youtube Action (Registration to an account) --> Twitter Reaction (Post a tweet), Gmail(Receive a mail)

6- Spotify Action (New liked album) --> Discord Reaction (Post a direct message in a channel), Microsoft ToDo Reaction (ToDo list with a title)

7- Spotify Action (New song add on a playlist) --> Gmail Reaction (Send an email), Discord Reaction (Post a direct message in a channel), Notion Reaction (ToDo list with a title)

8- Spotify Action (Recent play song) --> Discord Reaction (Post a direct message in a channel), Microsoft ToDo Reaction (ToDo list with a title)

9- Twitch Action (A streamer start a live) --> Gmail(Send an email), Microsoft ToDo Reaction (ToDo list with a title)

10- Twitch Action (New follower on your channel) --> Twitter Reaction (Post a tweet), Gmail(Receive a mail)

11- Twitch Action (When you start a live) --> GMail(Send a email)

12- Instagram Action (Post a new pic) --> Twitter Reaction (Update your bio), Twitter Reaction (Post a tweet), GMail(Send an email)

13- Sport Action (Choose a country) --> GMail(Receive an email)

14- Movie Action (Choose a film) --> GMail(Receive an email)

15- Twitter Action (Post a tweet) --> GMail(Reicive a mail)

16- Twitter Action (Like a tweet) --> Discord Reaction (Post a message to a channel)

17- Twitter Action (New tweet by a user) --> GMail(Receive a mail)

