

Git Repository

<https://github.com/igomezgithub/image-filter.git>

Screenshot of the Elastic Beanstalk app

Elastic Beanstalk > Environments

All environments

Filter results matching the display values

| | Environment name ▲ | Health ▼ | Application name ▼ | Date created ▼ | Last modified ▼ | URL ▼ | Running versions ▼ | Platform ▼ | Platform state ▼ | Tier name ▼ |
|-----------------------|-------------------------------|----------|---------------------------|------------------------------|------------------------------|--|------------------------|--|------------------|-------------|
| <input type="radio"/> | igomez-udacity-c2-restapi-dev | Ok | igomez-udacity-c2-restapi | 2021-08-20 10:52:57 UTC+0100 | 2021-08-24 16:31:56 UTC+0100 | igomez-udacity-c2-restapi-dev.us-east-1.elasticbeanstalk.com | app-2610-210824_163120 | Node.js 12 running on 64bit Amazon Linux 2 | Supported | WebServer |

Elastic Beanstalk

Environments

Applications

Change history

igomez-udacity-c2-restapi

Application versions

Saved configurations

igomez-udacity-c2-restapi-dev

Go to environment

Configuration

Logs

Health

Monitoring

Alarms

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Events

Tags

Recent environments

igomez-udacity-c2-restapi-dev

Elastic Beanstalk > Environments > igomez-udacity-c2-restapi-dev

igomez-udacity-c2-restapi-dev

igomez-udacity-c2-restapi-dev.us-east-1.elasticbeanstalk.com

Application name: igomez-udacity-c2-restapi

Refresh

Actions

Health

Ok

Causes

Running version

app-2610-210824_163120

Upload and deploy

Platform

node

Node.js 12 running on 64bit Amazon Linux 2/5.4.4

Change

Recent events

Show all

| Time | Type | Details |
|------------------------------|------|--|
| 2021-08-24 16:33:03 UTC+0100 | INFO | Environment health has transitioned from Info to Ok. Application update completed 27 seconds ago and took 29 seconds. |
| 2021-08-24 16:32:03 UTC+0100 | INFO | Environment health has transitioned from Ok to Info. Application update in progress on 1 instance. 0 out of 1 instance completed (running for 16 seconds). |
| 2021-08-24 16:31:56 UTC+0100 | INFO | Environment update completed successfully. |
| 2021-08-24 16:31:56 UTC+0100 | INFO | New application version was deployed to running EC2 instances. |
| 2021-08-24 16:31:51 UTC+0100 | INFO | Instance deployment completed successfully. |

Link to the endpoint URL for a running elastic beanstalk

<http://igomez-udacity-c2-restapi-dev.us-east-1.elasticbeanstalk.com/>

Steps to run the app in the Dev environment

1) Change the **config.ts** file

```
2) export const config = {
3)   "dev": {
4)     "username": process.env.POSTGRESS_USERNAME,
5)     "password": process.env.POSTGRESS_PASSWORD,
6)     "database": process.env.POSTGRESS_DATABASE,
7)     "host": process.env.POSTGRESS_HOST,
8)     "dialect": "postgres",
9)     "aws_region": process.env.AWS_REGION,
10)    "aws_profile": process.env.AWS_PROFILE,
11)    "aws_media_bucket": process.env.AWS_MEDIA_BUCKET
12)  },
13)  "prod": {
14)    "username": "",
15)    "password": "",
16)    "database": "udagram_prod",
17)    "host": "",
18)    "dialect": "postgres"
19)  },
20)  "jwt": {
21)    "secret": process.env.JWT_SECRET
22)  }
23)}
```

to

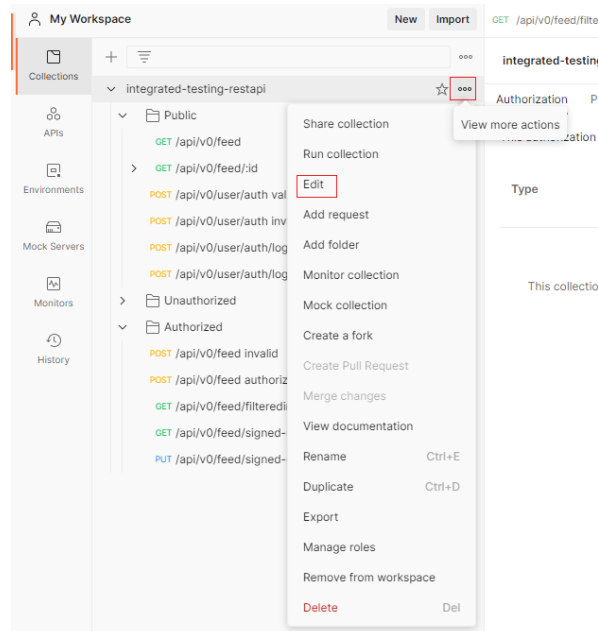
```
export const config = {
  "dev": {
    "username": "igomezpan",
    "password": "Paquetedigo-487",
    "database": "cloud_image_processor_database_dev",
    "host": "my-igomezpan-cloud-image-processor-database-dev.cpagk51u2jqf.us-east-1.rds.amazonaws.com",
    "dialect": "postgres",
    "aws_region": "us-east-1",
    "aws_profile": "default",
    "aws_media_bucket": "my-igomezpan-cloud-image-processor-bucket-dev"
  },
  "prod": {
    "username": "",
    "password": "",
    "database": "udagram_prod",
    "host": "",
    "dialect": "postgres"
  },
  "jwt": {
```

```
"secret": "GambitoDama-.,123"
}
}
```

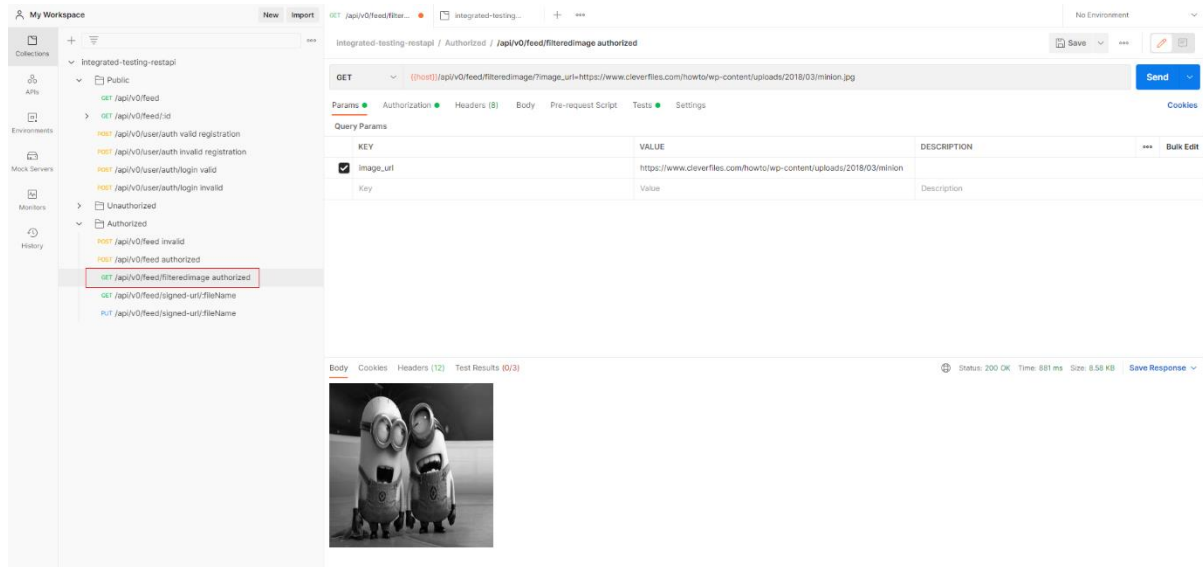
- 2) Download the project dependencies: `npm i`
- 3) Run the development server with `npm run dev`

Testing with Postman

- 1) Import the file `'integrated-testing-restapi.postman_collection.json'` (located at the root of the project).
- 2) Open the collection and click on `'View more actions > Edit'`



- 3) Go to `'Variables'` tab and change the CURRENT VALUE to:
<http://igomez-udacity-c2-restapi-dev.us-east-1.elasticbeanstalk.com>
- 4) Click on `'Persist All'` button.
- 5) Select the `'GET /api/v0/feed/filteredimage authorized'`



6) Use this temporal token in the 'Authorization' tab:

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbWFnbnCI6InRlc3RabWFpbC5jb20iLCJwYXNzd29yZF9oYXNoIjoiejJDJiJEEdWjGpJaUpDVHucUU4OG41dEJtTlZEN3U5YjRIWlnNnL0g4YjE3aTJ6N0U5eS51NExCZmpawEHllwiY3JlYXRlZEF0IjoimjAyMS0wOC0yNFQxMDowND0zOS44MDRaIiwidXBkYXRlZEF0IjoimjAyMS0wOC0yNFQxMDowND0zOS44MDRaIiwiaWF0IjoxNjI5ODQxMzkzfQ.HUH8YigrPvijuCLEjU3_GhhBcd6b0hyhOvL6dY1bqzI

7) In 'Params' tab you can add this variable:

KEY: image_url

VALUE: <https://www.cleverfiles.com/howto/wp-content/uploads/2018/03/minion.jpg>

8) Finally, click on Send button.

Note: other public links to use in the Postman test:

- <https://upload.wikimedia.org/wikipedia/en/a/a9/Example.jpg>
- <http://www.personal.psu.edu/jyc5774/jpg.jpg>

