

Udagram Image Filtering Microservice

1. Setup Node Environment - **Done**

You'll need to create a new node server. Open a new terminal within the project directory and run:

- Initialize a new project: `npm i`
- run the development server with `npm run dev`

2. Create a new endpoint in the server.ts file - **Done**

- The starter code has a task for you to complete an endpoint in `./src/server.ts` which uses query parameter to download an image from a public URL, filter the image, and return the result.

We've included a few helper functions to handle some of these concepts and we're importing it for you at the top of the `./src/server.ts` file.

```
import {filterImageFromURL, deleteLocalFiles} from  
'./util/util';
```

3. Deploying your system - **Done**

Follow the process described in the course to `eb init` a new application and `eb create` a new environment to deploy your image-filter service! Don't forget you can use `eb deploy` to push changes.

Test elastic beanstalk Deployment :

Use the following URL:

http://udagram.us-east-1.elasticbeanstalk.com/filteredimage?image_url=https://blog.hubspot.com/hubfs/parts-url.jpg

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aws

Services

Resource Groups

amitgoswami1027

N. Virginia

Support

Elastic Beanstalk

udagram-goswami-image-filter

Create New Application

i

Try out the new console and let us know what you think.

[Switch to the new console](#)

Learn More

Get started using Elastic Beanstalk

Modify the code

Create and connect to a database

Add a custom domain

Featured

Create your own custom platform

Command Line Interface (v3)

Installing the AWS EB CLI

EB CLI Command Reference

If you want to use a command line to create, manage, and scale your Elastic Beanstalk applications, please use the Elastic Beanstalk Command Line Interface (EB CLI).

Get Started

All Applications

Filter by Application Name:

udagram-goswami-image-filter

Actions

udagram-goswami-image-filter-server

Environment tier: Web Server

Platform: Node.js running on 64bit Amazon Linux/4.13.1

Running versions: app-200328_013920

Last modified: 2020-03-28 01:45:56 UTC+0530

URL: udagram.us-east-1.elasticbeanstalk.com

Health status: Ok

aws

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Create New Application

i

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All Applications > udagram-goswami-image-filter > udagram-goswami-image-filter-server (Environment ID: e-pa4jbuzth, URL: udagram.us-east-1.elasticbeanstalk.com)

Actions

Dashboard

Configuration

Logs

Health

Monitoring

Alarms

Managed updates

Events

Tags

Overview

Health

Ok

Causes

Running Version

app-200328_013920

Upload and Deploy

Platform

Node.js running on 64bit Amazon Linux/4.13.1

Newer version available

Change

Recent Events

Show All

| Time | Type | Details |
|------------------------------|------|--|
| 2020-03-28 02:00:49 UTC+0530 | INFO | Deleted log fragments for this environment. |
| 2020-03-28 01:58:59 UTC+0530 | INFO | Deleted log fragments for this environment. |
| 2020-03-28 01:45:56 UTC+0530 | INFO | Requested environment info from each instance. |

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Output – POSTMAN

EDIT COLLECTION

Name

cloud-cdnd-c2-final

Description

Authorization ●

Pre-request Scripts

Tests

Variables ●

These variables are specific to this collection and its requests. [Learn more about collection variables.](#)

| | VARIABLE | INITIAL VALUE ⓘ | CURRENT VALUE ⓘ | ... | Persist All | Reset All |
|-------------------------------------|--------------------|----------------------------|--|-----|-------------|-----------|
| <input checked="" type="checkbox"/> | HOST | udagram.us-east-1.elasticb | udagram.us-east-1.elasticbeanstalk.com | | | |
| <input checked="" type="checkbox"/> | jwt | amit | amit | | | |
| | Add a new variable | | | | | |

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New Import Runner

My Workspace Invite

Refresh

Twitter

Telegram

WhatsApp

Heart

Cloud

Upgrade

Filter

History Collections APIs

+ New Collection Trash

udacity-goswami-image-server
1 request

GET http://{{HOST}}/filteredimage?imag...

GET http://{{HOST}}/filteredimage?image_url=https://blog.hubspot.com/hubfs/parts-url.jpg

[DELETED] GET http://localhost:8082...

+ ...

No Environment

Comments 0

Untitled Request

GET udagram.us-east-1.elasticbeanstalk.com/filteredimage?image_url=https://blog.hubspot.com/hubfs/parts-url.jpg

Send Save

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Cookies Code

Query Params

| KEY | VALUE | DESCRIPTION | ... | Bulk Edit |
|---|--|-------------|-----|-----------|
| <input checked="" type="checkbox"/> image_url | https://blog.hubspot.com/hubfs/parts-url.jpg | | | |
| Key | Value | Description | | |

Body Cookies Headers (11) Test Results

Status: 200 OK Time: 1001ms Size: 12.66 KB Save Response

