

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.

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Project 2 : Udagram Image Filter server

 Services ▾ Resource Groups ▾

amitgoswami1027 ▾ N. Virginia ▾ Support ▾

Elastic Beanstalk udagram-goswami-image-filter ▾ [Create New Application](#)

 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

Action


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

 Services ▾ Resource Groups ▾

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[Switch to the new console](#)

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

Actions ▾

Dashboard

Overview

 Refresh

Configuration

Logs

Health

Monitoring

Alarms

Managed updates

Events

Tags



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](#)

[Show All](#)

Recent Events

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

