

Calculator

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Dependancies

1. Docker
2. Nodejs
3. Npm

Running the app

running from cli

npm start

running docker

docker-compose up --build -d

stopping docker

docker-compose down

push to docker hub

docker build -t calculator . docker tag calculator:latest dknathalage/calculator:latest docker push dknathalage/calculator:latest

Links

- Github: <https://github.com/Kushan-Nilanga/sit323-737-2023-t1-prac5p>
- DockerHub <https://hub.docker.com/r/dknathalage/calculator>

Usage

Authenticating

calculator / auth

Save

GET

localhost:3000/auth

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

1 {

2 "username": "admin",

3 "password": "admin"

4 }

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 12 ms

Size: 443 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1 {

2 "error": false,

3 "message": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VybmFtZSI6ImFkbWwluIiwicGFzc3dvcmQiOiJhZG1pbGlzImhhdCI6MTY4MDk5NTIzNCwiZXhwIjoxNjgwOTk4ODM0fQ.nSW6HwNWgoHjQy6dtPUI9a7SqrSmFLa_jx5F-8SZMfY"

4 }

Adding

Setting the token

Copying the token

Setting body

POST

localhost:3000/add

Send

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Cookies

Beautify

1

2

3

4

```
{
  "a": 1,
  "b": 2
}
```

Sending the request

POST

localhost:3000/add

Send

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Cookies

Beautify

1

2

3

4

```
{
  "a": 1,
  "b": 2
}
```

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 27 ms

Size: 261 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

1

2

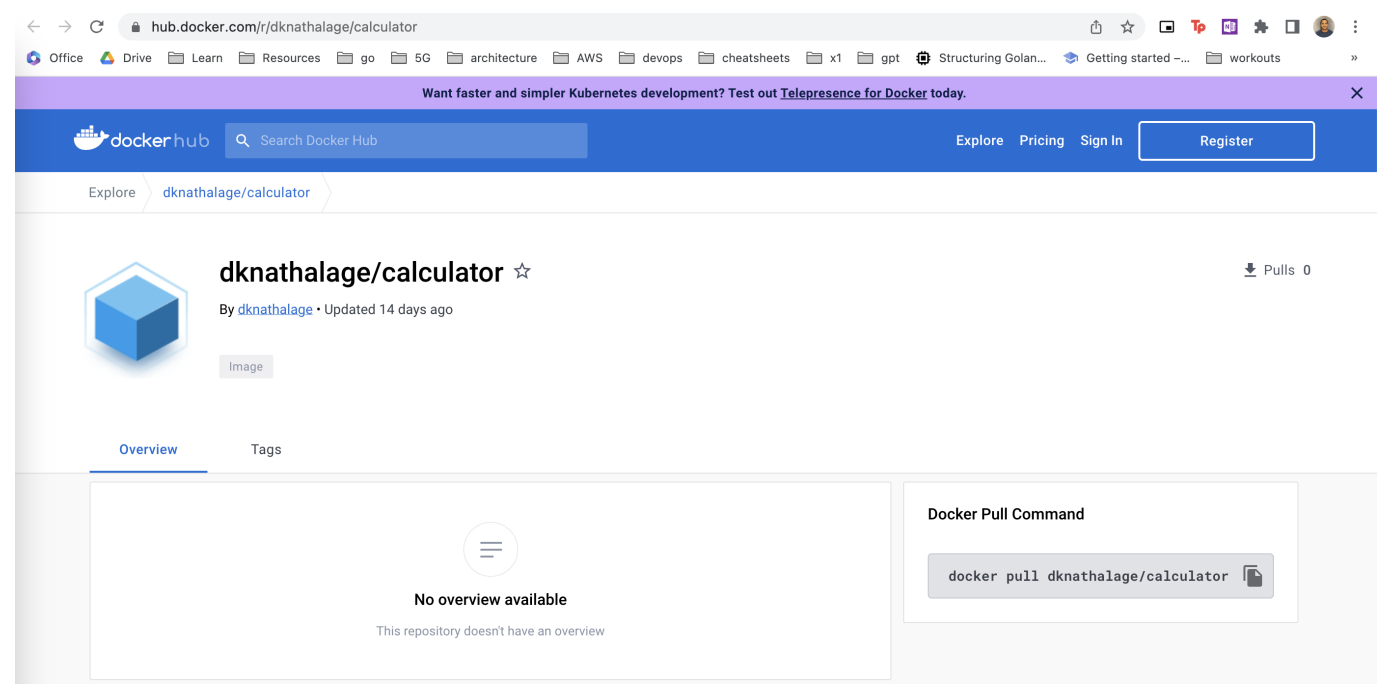
3

4

```
{
  "error": false,
  "result": 3
}
```

Evidence

Application Image in DockerHub



Application running in Docker

<input type="checkbox"/>	<div><div></div><div></div></div>	sit323-737-2023-t1-prac5p	-	Running (1/1)					
<input type="checkbox"/>	<div><div></div><div></div></div>	nodejs-1 be676b864fc0	sit323-737-2023-t1-prac5p-no	Running	3000:3000	5 seconds ago			