Exchange Currency API

Introduction

This API service is to manage all of the pairs of exchange currencies. It consist of Create, Read, and Delete all of the data.

Overview

This API built using golang and MySQL as the DBMS.

Authentication

you can operate this API by using docker by running "docker build -t be_test .""

Error Codes

400 : if requested parameter doesn't match with validation rules 404 : if the page you requested doesn't return anything

Rate limit

null

GET http://localhost:8080/api/exchange-rate

```
http://localhost:8080/api/exchange-rate
```

get the latest 7 point from specified pair of exchange currencies with its average and variance

BODY raw

```
?from={xxx}&to={zzz}
```

Example Request

Default

```
curl --location --request GET "http://localhost:8080/api/exchange-rate" \
  --data "?from={xxx}&to={zzz}"
```

GET http://localhost:8080/api/exchange-rates

http://localhost:8080/api/exchange-rates

get all of the pair of exchange currency rates from 1 week ago to the date specified.

BODY raw

```
?date=yyyy-mm-dd
```

Example Request

Default

```
curl --location --request GET "http://localhost:8080/api/exchange-rates" \
  --data "?date=yyyy-mm-dd"
```

POST http://localhost:8080/api/daily-exchange-rates/insert

http://localhost:8080/api/daily-exchange-rates/insert

insert daily exchange rate of selected pair of exchange currencies

BODY raw

```
?from={xxx}&to={zzz}&date={yyyy-mm-dd}&rate={float}
```

Example Request

Default

```
curl --location --request POST "http://localhost:8080/api/daily-exchange-rates/insert" \
  --data "?from={xxx}&to={zzz}&date={yyyy-mm-dd}&rate={float}"
```

POST http://localhost:8080/api/exchange-currency/insert

http://localhost:8080/api/exchange-currency/insert

create a new pair of exchange currencies

BODY raw

```
?from={xxx}&to={zzz}
```

Example Request

Default

```
curl --location --request POST "http://localhost:8080/api/exchange-currency/insert" \
  --data "?from={xxx}&to={zzz}"
```

DEL http://localhost:8080/api/exchange-currency/delete

http://localhost:8080/api/exchange-currency/delete

delete all of the data of a pair of exchange currencies from database

BODY raw

```
?id={int}
```

Example Request

Default

```
curl --location --request DELETE "http://localhost:8080/api/exchange-currency/delete" \
  --data "?id={int}"
```