



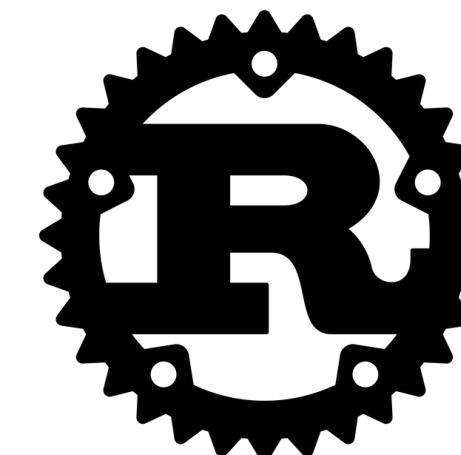
ເວັບໄລກເປົ້າຍັນສຸກລເງິນ

# CURRENCY EXCHANGE

A P2P CURRENCY EXCHANGE

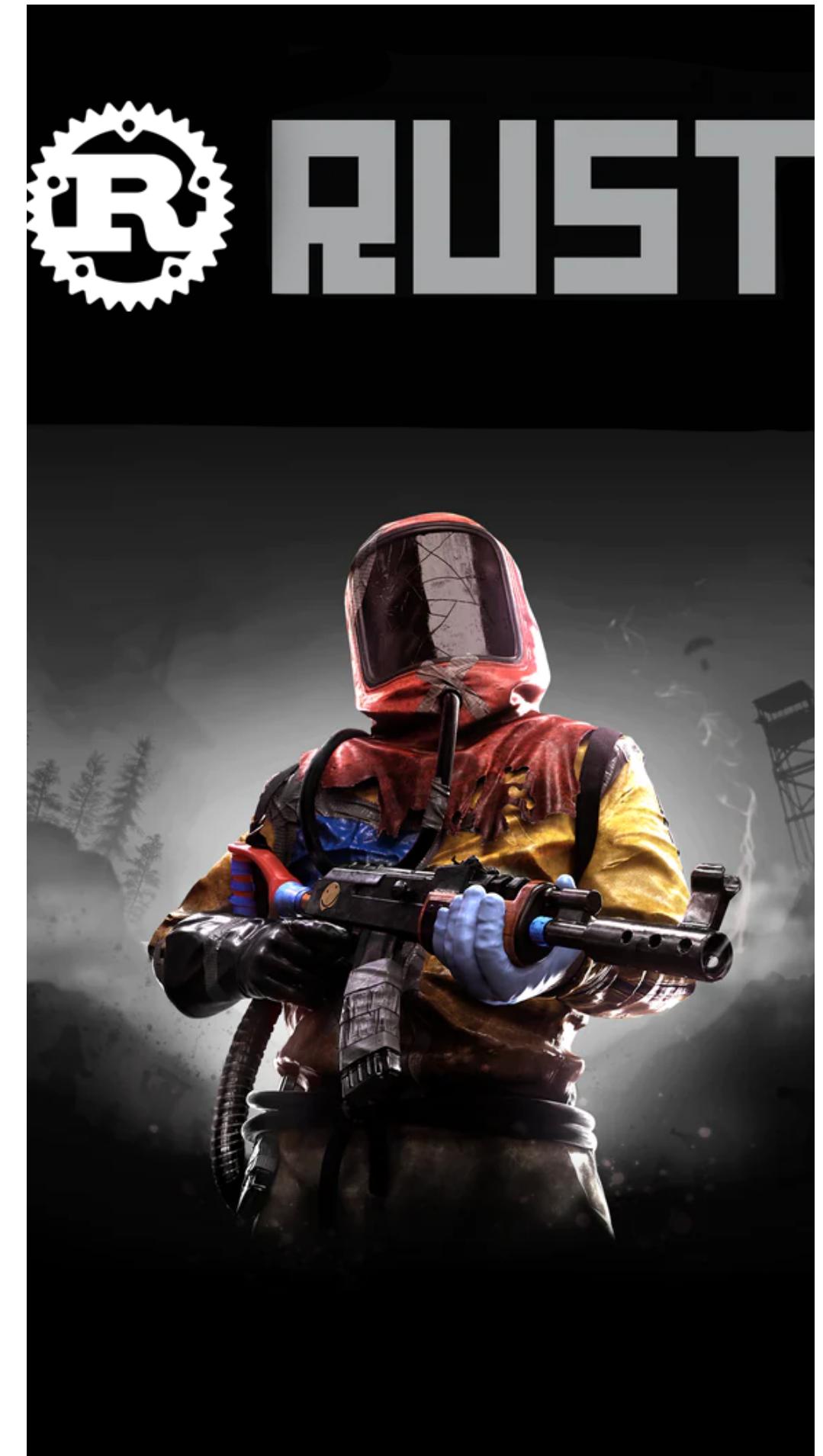
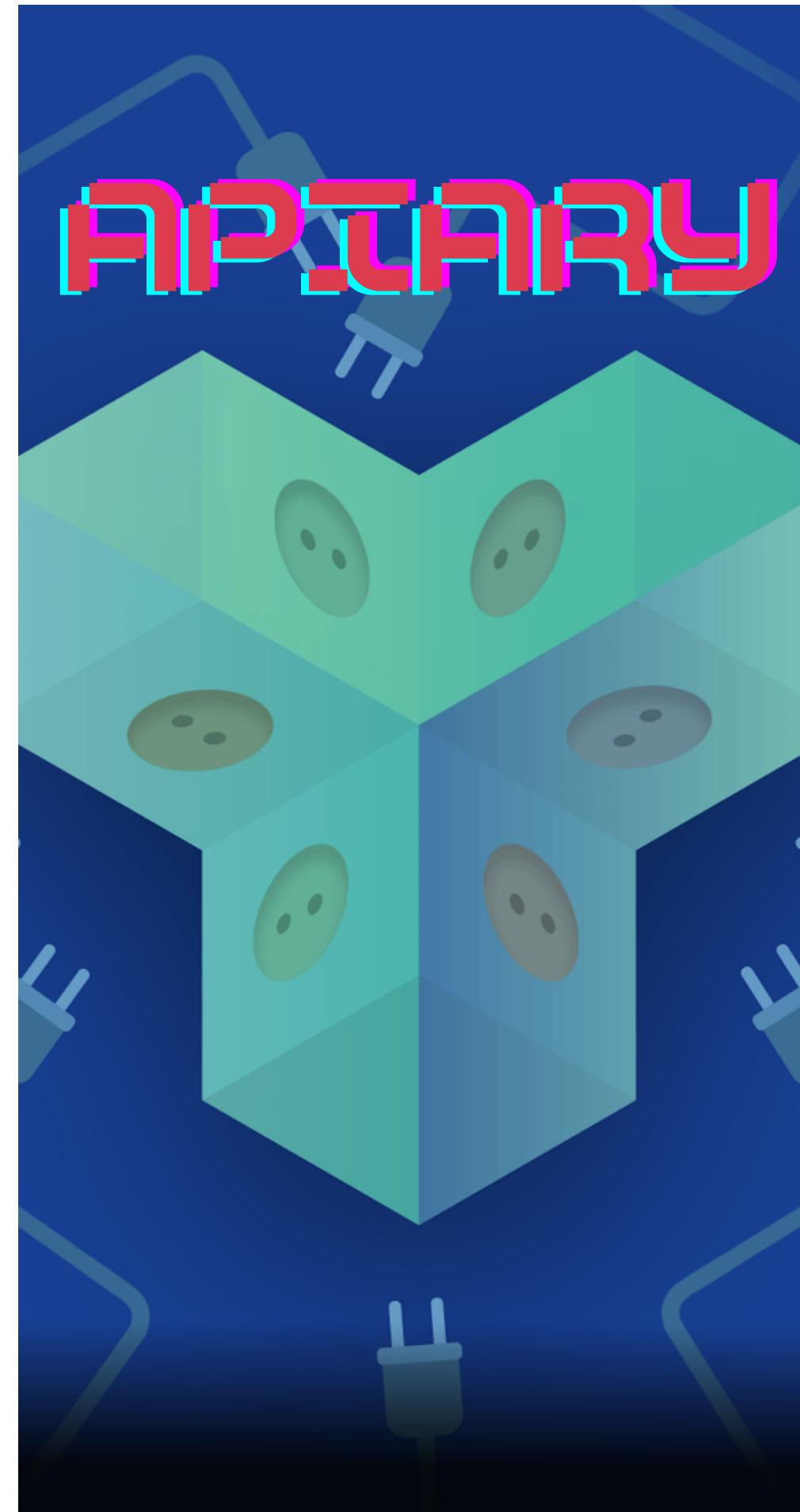


apiary



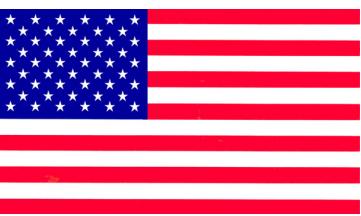
Date:  
March 29, 2023

# SECTION

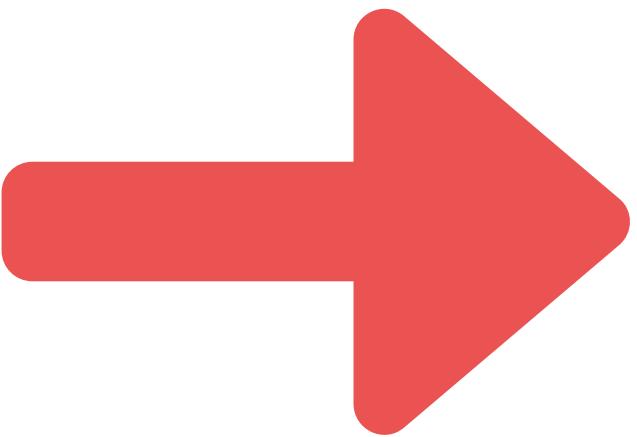


# CURRENCY EXCHANGE

\$



US DOLLAR



£



€



¥



HK\$



S\$



C\$



¥



฿



# POUND STERLING

# EUROPEAN

# JAPAN YEN

# HONGKONG DOLLAR

# SINGAPORE DOLLAR

# CANADIAN DOLLAR

# CHINESE YUAN

# THAIBAHT



# ExchangeUSDapi

---

## INTRODUCTION

This API allows you to exchange currency from USD to other currencies.

## # ExchangeUSDapi

This API allows you to exchange currency from USD to other currencies.



apiary

# GET /currency\_rate

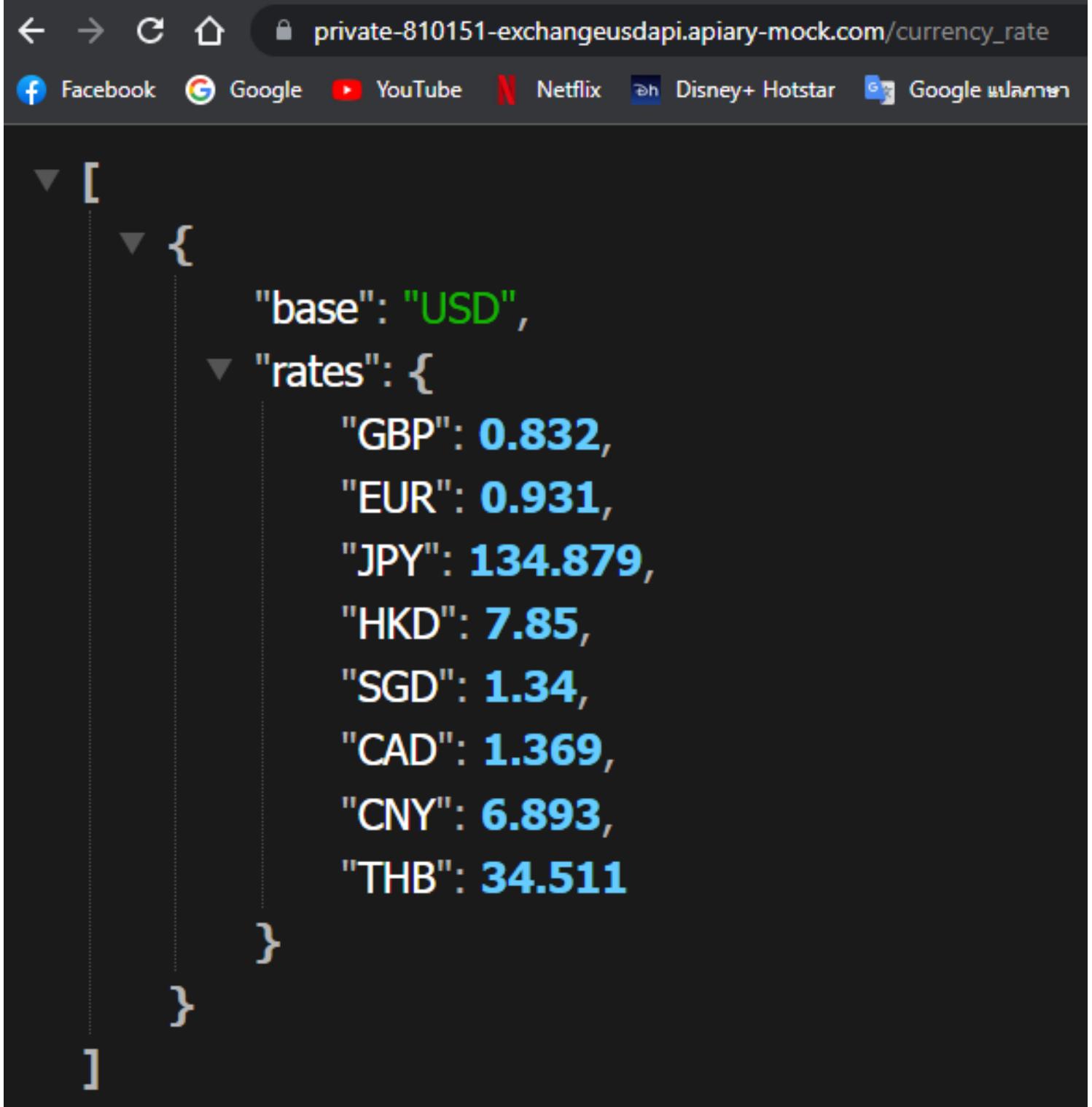
## Currency Exchange

### All Currency Rate

#### Exchange Currency Rates

```
## All Currency Rate [/currency_rate]
### Exchange Currency Rates [GET]
+ Response 200 (application/json)

[
  {
    "base": "USD",
    "rates":{
      "GBP" : 0.832,
      "EUR" : 0.931,
      "JPY" : 134.879,
      "HKD" : 7.85,
      "SGD" : 1.34,
      "CAD" : 1.369,
      "CNY" : 6.893,
      "THB" : 34.511
    }
  }
]
```



The screenshot shows a browser window with the URL `private-810151-exchangeusdapi.apiary-mock.com/currency_rate`. The page displays a JSON response with a dark background and light-colored text. The response structure is as follows:

```
{
  "base": "USD",
  "rates": {
    "GBP": 0.832,
    "EUR": 0.931,
    "JPY": 134.879,
    "HKD": 7.85,
    "SGD": 1.34,
    "CAD": 1.369,
    "CNY": 6.893,
    "THB": 34.511
  }
}
```

The JSON response includes a "base" field set to "USD" and a "rates" field containing exchange rates for GBP, EUR, JPY, HKD, SGD, CAD, CNY, and THB. The rates are displayed in a bold, blue font.



# GET /exchange\_rate

## Exchange Rate GBP

GBP (Pound Sterling)

## Exchange Rate EUR

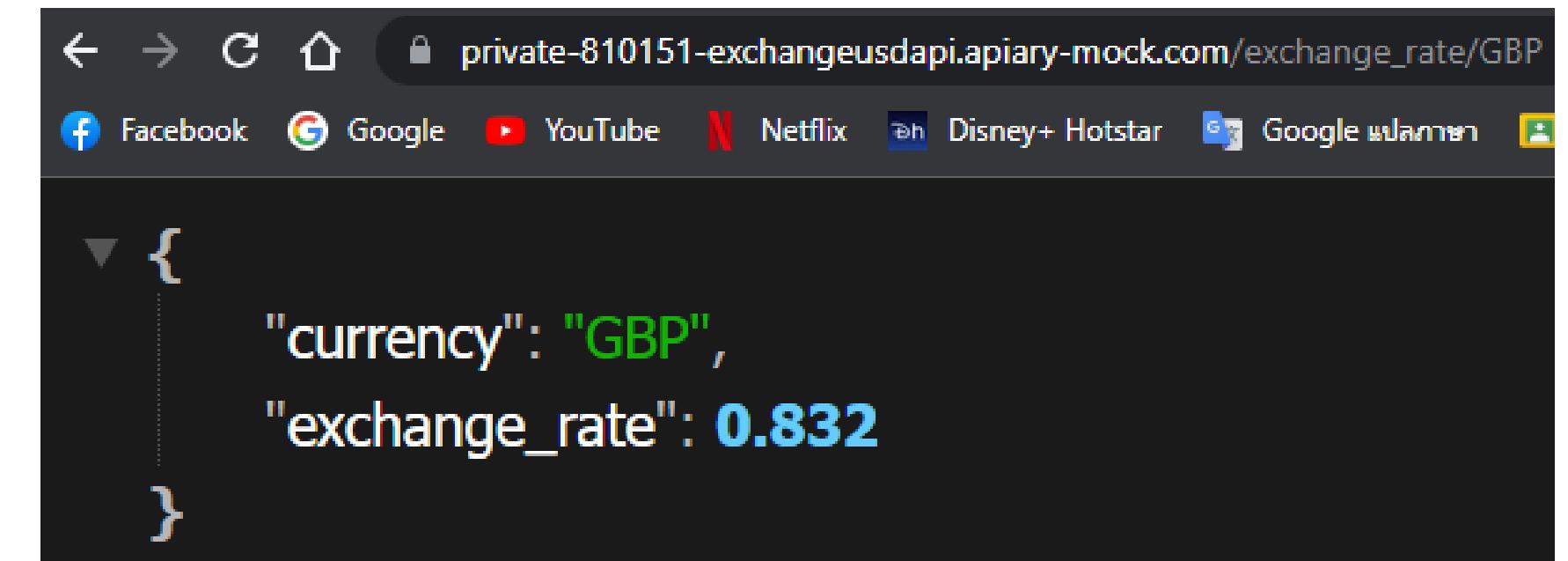
EUR (Euro)

```
## Exchange Rate GBP [/exchange_rate/GBP]
### GBP (Pound Sterling) [GET]
+ Response 200 (application/json)

{
  "currency": "GBP",
  "exchange_rate": 0.832
}

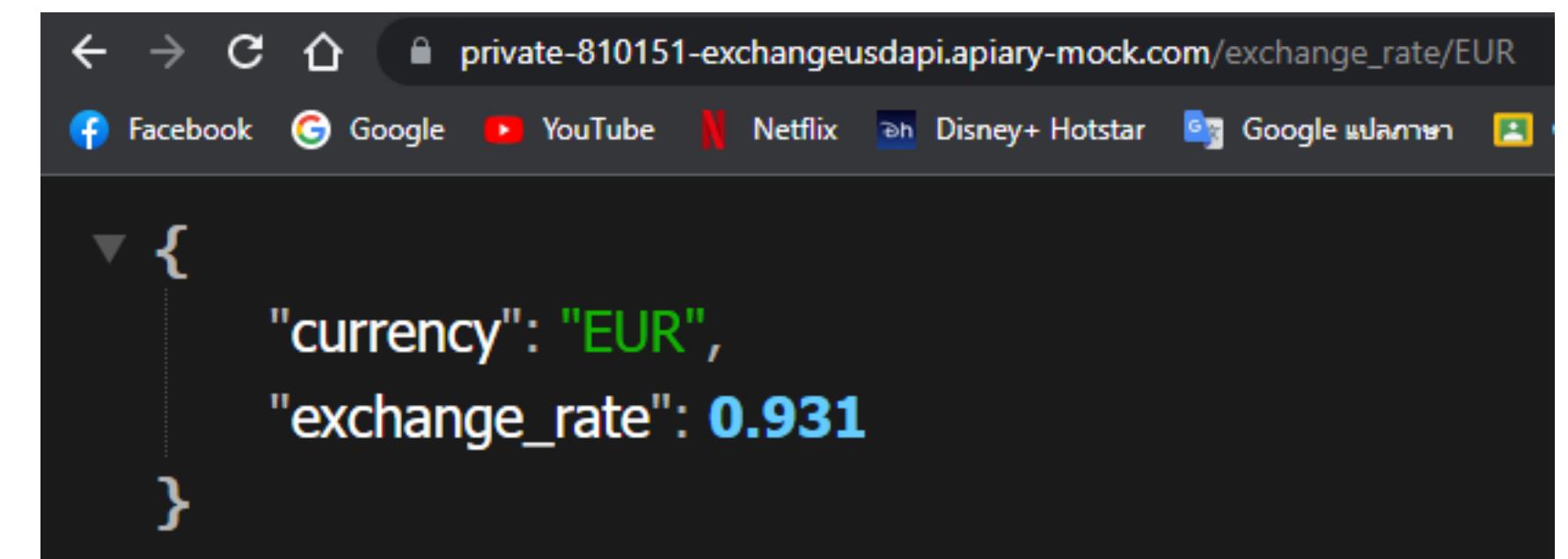
## Exchange Rate EUR [/exchange_rate/EUR]
### EUR (Euro) [GET]
+ Response 200 (application/json)

{
  "currency": "EUR",
  "exchange_rate": 0.931
}
```



A screenshot of a web browser window. The address bar shows the URL: `private-810151-exchangeusdapi.apiary-mock.com/exchange_rate/GBP`. The page content is a JSON object with the following structure:

```
{
  "currency": "GBP",
  "exchange_rate": 0.832
}
```



A screenshot of a web browser window. The address bar shows the URL: `private-810151-exchangeusdapi.apiary-mock.com/exchange_rate/EUR`. The page content is a JSON object with the following structure:

```
{
  "currency": "EUR",
  "exchange_rate": 0.931
}
```

## Exchange Rate JPY

JPY (Japan Yen)

## Exchange Rate HKD

HKD (Hong Kong Dollar)

## Exchange Rate JPY [/exchange\_rate/JPY]

### JPY (Japan Yen) [GET]

+ Response 200 (application/json)

```
{
  "currency": "JPY",
  "exchange_rate": 134.879
}
```

## Exchange Rate HKD [/exchange\_rate/HKD]

### HKD (Hong Kong Dollar) [GET]

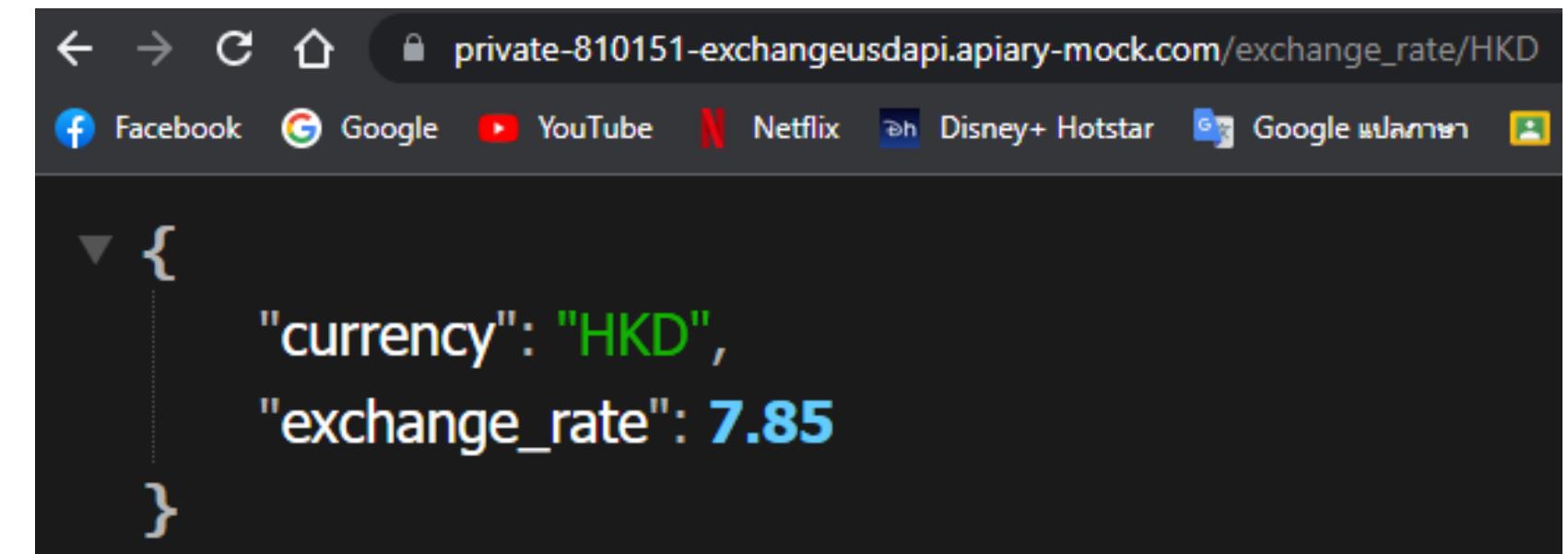
+ Response 200 (application/json)

```
{
  "currency": "HKD",
  "exchange_rate": 7.85
}
```

## GET /exchange\_rate



```
{
  "currency": "JPY",
  "exchange_rate": 134.879
}
```



```
{
  "currency": "HKD",
  "exchange_rate": 7.85
}
```



# GET /exchange\_rate

## Exchange Rate SGD

```
SGD (Singapore Dollar) >

Exchange Rate CAD

CAD (Canada Dollar) >

## Exchange Rate SGD [/exchange_rate/SGD]

### SGD (Singapore Dollar) [GET]

+ Response 200 (application/json)

{
  "currency": "SGD",
  "exchange_rate": 1.34
}

## Exchange Rate CAD [/exchange_rate/CAD]

### CAD (Canada Dollar) [GET]

+ Response 200 (application/json)

{
  "currency": "CAD",
  "exchange_rate": 1.369
}
```

private-810151-exchangeusdapi.apiary-mock.com/exchange\_rate/SGD

Facebook Google YouTube Netflix Disney+ Hotstar Google Translate

```
{
  "currency": "SGD",
  "exchange_rate": 1.34
}
```

private-810151-exchangeusdapi.apiary-mock.com/exchange\_rate/CAD

Facebook Google YouTube Netflix Disney+ Hotstar Google Translate

```
{
  "currency": "CAD",
  "exchange_rate": 1.369
}
```



## Exchange Rate CNY

CNY (Chinese Yuan)

## Exchange Rate THB

THB (Thailand Baht)

## Exchange Rate CNY [/exchange\_rate/CNY]

### CNY (Chinese Yuan) [GET]

+ Response 200 (application/json)

```
{  
  "currency": "CNY",  
  "exchange_rate": 6.893  
}
```

## Exchange Rate THB [/exchange\_rate/THB]

### THB (Thailand Baht) [GET]

+ Response 200 (application/json)

```
{  
  "currency": "THB",  
  "exchange_rate": 34.511  
}
```

# GET /exchange\_rate

private-810151-exchangeusdapi.apiary-mock.com/exchange\_rate/CNY

Facebook Google YouTube Netflix Disney+ Hotstar Google Classroom

```
{  
  "currency": "CNY",  
  "exchange_rate": 6.893  
}
```

private-810151-exchangeusdapi.apiary-mock.com/exchange\_rate/THB

Facebook Google YouTube Netflix Disney+ Hotstar Google Classroom

```
{  
  "currency": "THB",  
  "exchange_rate": 34.511  
}
```



# POST /convert\_currency

## Calculate Converted Amount

### Calculate Converted Amount GBP

```
## Calculate Converted Amount [/USD/to/GBP]
```

```
### Calculate Converted Amount GBP [POST]
```

+ Request (application/json)

```
{
  "from_currency": "USD",
  "to_currency": "GBP",
  "amount": 500
}
```

+ Response 201 (application/json)

```
{
  "success": true,
  "base": "USD",
  "target_currency": "GBP",
  "amount": 500,
  "exchange_rate": 0.832,
  "converted_amount": 416
}
```

POST http://localhost:8080/convert\_currency ...

Params Authorization Headers (9) Body Pre-request Script

none form-data x-www-form-urlencoded raw binary

```
1 {
2   "from_currency": "USD",
3   "to_currency": "GBP",
4   "amount": 1000
5 }
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON ↗

```
1 {
2   "base_currency": "USD",
3   "target_currency": "GBP",
4   "amount": 1000.0,
5   "exchange_rate": 0.832,
6   "converted_amount": 832.0
7 }
```



# POST /convert\_currency

## Calculate Converted Amount

### Calculate Converted Amount EUR

```
## Calculate Converted Amount [/USD/to/EUR]
```

```
### Calculate Converted Amount EUR [POST]
```

+ Request (application/json)

```
{
  "from_currency": "USD",
  "to_currency": "EUR",
  "amount": 500
}
```

+ Response 201 (application/json)

```
{
  "success": true,
  "base": "USD",
  "target_currency": "EUR",
  "amount": 500,
  "exchange_rate": 0.931,
  "converted_amount": 465.5
}
```

POST http://localhost:8080/convert\_currency

Params Authorization Headers (9) **Body** Pre-request Script

none form-data x-www-form-urlencoded raw binary

```
1 {
2   "from_currency": "USD",
3   "to_currency": "EUR",
4   "amount": 1000
5 }
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON ↗

```
1 {
2   "base_currency": "USD",
3   "target_currency": "EUR",
4   "amount": 1000.0,
5   "exchange_rate": 0.931,
6   "converted_amount": 931.0
7 }
```



# POST /convert\_currency

## Calculate Converted Amount

### Calculate Converted Amount JPY

```
## Calculate Converted Amount [/USD/to/JPY]
```

```
### Calculate Converted Amount JPY [POST]
```

+ Request (application/json)

```
{
  "from_currency": "USD",
  "to_currency": "JPY",
  "amount": 500
}
```

+ Response 201 (application/json)

```
{
  "success": true,
  "base": "USD",
  "target_currency": "JPY",
  "amount": 500,
  "exchange_rate": 134.879,
  "converted_amount": 67439.5
}
```

POST http://localhost:8080/convert\_currency

Params Authorization Headers (9) **Body** Pre-request Script

none form-data x-www-form-urlencoded raw binary

```
1 {
2   "from_currency": "USD",
3   "to_currency": "JPY",
4   "amount": 1000
5 }
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON ↗

```
1 {
2   "base_currency": "USD",
3   "target_currency": "JPY",
4   "amount": 1000.0,
5   "exchange_rate": 134.879,
6   "converted_amount": 134879.0
7 }
```

# POST /convert\_currency

## Calculate Converted Amount

### Calculate Converted Amount HKD

```
## Calculate Converted Amount [/USD/to/HKD]
```

```
### Calculate Converted Amount HKD [POST]
```

+ Request (application/json)

```
{
  "from_currency": "USD",
  "to_currency": "HKD",
  "amount": 500
}
```

+ Response 201 (application/json)

```
{
  "success": true,
  "base": "USD",
  "target_currency": "HKD",
  "amount": 500,
  "exchange_rate": 7.85,
  "converted_amount": 3925
}
```

POST

http://localhost:8080/convert\_currency

Params

Authorization

Headers (9)

Body

Pre-request Script

none

form-data

x-www-form-urlencoded

raw

binary

```
1 {
2   "from_currency": "USD",
3   "to_currency": "SGD",
4   "amount": 1000
5 }
```

Body

Cookies

Headers (3)

Test Results

Pretty

Raw

Preview

Visualize

JSON



```
1 {
2   "base_currency": "USD",
3   "target_currency": "SGD",
4   "amount": 1000.0,
5   "exchange_rate": 1.34,
6   "converted_amount": 1340.0
7 }
```

## Calculate Converted Amount

## Calculate Converted Amount SGD

```
## Calculate Converted Amount [/USD/to/SGD]
```

```
### Calculate Converted Amount SGD [POST]
```

+ Request (application/json)

```
{
  "from_currency": "USD",
  "to_currency": "SGD",
  "amount": 500
}
```

+ Response 201 (application/json)

```
{
  "success": true,
  "base": "USD",
  "target_currency": "SGD",
  "amount": 500,
  "exchange_rate": 1.34,
  "converted_amount": 670
}
```

POST http://localhost:8080/convert\_currency

Params Authorization Headers (9) **Body** Pre-request Script

none form-data x-www-form-urlencoded raw binary

```
1 {
2   "from_currency": "USD",
3   "to_currency": "HKD",
4   "amount": 1000
5 }
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON ↻

```
1 {
2   "base_currency": "USD",
3   "target_currency": "HKD",
4   "amount": 1000.0,
5   "exchange_rate": 7.85,
6   "converted_amount": 7850.0
7 }
```



# POST /convert\_currency

## Calculate Converted Amount

### Calculate Converted Amount CAD

## Calculate Converted Amount [/USD/to/CAD]

### Calculate Converted Amount CAD [POST]

+ Request (application/json)

```
{  
  "from_currency": "USD",  
  "to_currency": "CAD",  
  "amount": 500  
}
```

+ Response 201 (application/json)

```
{  
  "success": true,  
  "base": "USD",  
  "target_currency": "CAD",  
  "amount": 500,  
  "exchange_rate": 1.369,  
  "converted_amount": 684.5  
}
```

POST http://localhost:8080/convert\_currency

Params Authorization Headers (9) **Body** Pre-request Script

none form-data x-www-form-urlencoded raw binary

```
1 {  
2   "from_currency": "USD",  
3   "to_currency": "CAD",  
4   "amount": 1000  
5 }
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON ↗

```
1 {  
2   "base_currency": "USD",  
3   "target_currency": "CAD",  
4   "amount": 1000.0,  
5   "exchange_rate": 1.369,  
6   "converted_amount": 1369.0  
7 }
```



# POST /convert\_currency

## Calculate Converted Amount

### Calculate Converted Amount CNY

## Calculate Converted Amount [/USD/to/CNY]

### Calculate Converted Amount CNY [POST]

+ Request (application/json)

```
{  
  "from_currency": "USD",  
  "to_currency": "CNY",  
  "amount": 500  
}
```

+ Response 201 (application/json)

```
{  
  "success": true,  
  "base": "USD",  
  "target_currency": "CNY",  
  "amount": 500,  
  "exchange_rate": 6.389,  
  "converted_amount": 3194.5  
}
```

POST http://localhost:8080/convert\_currency

Params Authorization Headers (9) **Body** Pre-request Script

none form-data x-www-form-urlencoded raw binary

```
1 {  
2   "from_currency": "USD",  
3   "to_currency": "CNY",  
4   "amount": 1000  
5 }
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON

```
1 {  
2   "base_currency": "USD",  
3   "target_currency": "CNY",  
4   "amount": 1000.0,  
5   "exchange_rate": 6.389,  
6   "converted_amount": 6389.0  
7 }
```

## Calculate Converted Amount

## Calculate Converted Amount THB

```
## Calculate Converted Amount [/USD/to/THB]
```

```
### Calculate Converted Amount THB [POST]
```

+ Request (application/json)

```
{
  "from_currency": "USD",
  "to_currency": "THB",
  "amount": 500
}
```

+ Response 201 (application/json)

```
{
  "success": true,
  "base": "USD",
  "target_currency": "THB",
  "amount": 500,
  "exchange_rate": 34.511,
  "converted_amount": 17255.5
}
```

POST http://localhost:8080/convert\_currency

Params Authorization Headers (9) **Body** Pre-request Script

none form-data x-www-form-urlencoded raw binary

```

1 {
2   "from_currency": "USD",
3   "to_currency": "THB",
4   "amount": 1000
5 }
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON

```

1 {
2   "base_currency": "USD",
3   "target_currency": "THB",
4   "amount": 1000.0,
5   "exchange_rate": 34.511,
6   "converted_amount": 34511.0
7 }
```



# POST /excurrency

## Add New Currency

### Add Currency Exchange Rate

```
# Add New Currency [/excurrency]  
## Add Currency Exchange Rate [POST]
```

#### + Request (application/json)

```
{  
  "currency": "AUD",  
  "exchange_rate": 1.410  
}
```

#### + Response 201 (application/json)

```
{  
  "currency": "AUD",  
  "exchange_rate": 1.410  
}
```

POST http://localhost:8080/excurrency ...

Params Authorization Headers (8) **Body** Pre-request Script  
none form-data x-www-form-urlencoded raw binary

```
1 {  
2   "currency": "AUD",  
3   "exchange_rate": 1.410  
4 }
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize

JSON

```
1 {  
2   "currency": "AUD",  
3   "exchange_rate": 1.41  
4 }
```



## Update-Delete Currency

### Update Currency Exchange Rate

### Delete Currency

```
## Update-Delete Currency [/excurrency/{currency}]
```

```
### Update Currency Exchange Rate [PUT]
```

+ Parameters

+ currency (string, required) - รหัสสกุลเงินที่ต้องการอัปเดต เช่น GBP, EUR, JPY เป็นต้น

+ Request (application/json)

```
{  
  "exchange_rate": 0.9  
}
```

+ Response 201 (application/json)

```
{  
  "currency": "GBP",  
  "exchange_rate": 0.9  
}
```

```
### Delete Currency [DELETE]
```

+ Parameters

+ currency (string, required) - รหัสสกุลเงินที่ต้องการลบ เช่น GBP, EUR, JPY เป็นต้น

+ Response 200 (application/json)

```
{  
  "message": "Deleted Currency: EUR"  
}
```

PUT http://localhost:8080/excurrency/THB...

Params Authorization Headers (8) Body Pre-request Script

none  form-data  x-www-form-urlencoded  raw  binary

```
1 [  
2   ... "exchange_rate": 36  
3 ]
```

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON

```
1 [  
2   "currency": "THB",  
3   "exchange_rate": 36.0  
4 ]
```

DELETE http://localhost:8080/excurrency/THB...

Params Authorization Headers (6) Body Pre-request Script

none  form-data  x-www-form-urlencoded  raw  binary

```
1
```

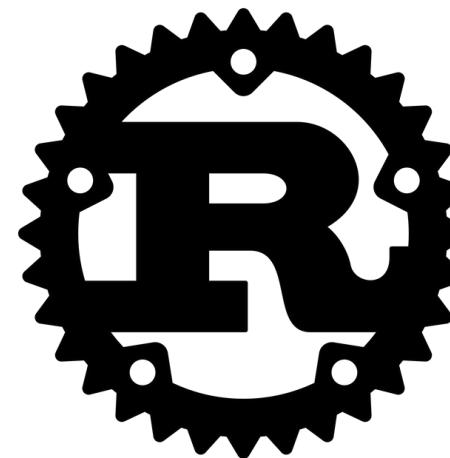
Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON

```
1 [  
2   "message": "Deleted Currency: THB"  
3 ]
```

# Update /excurrency

# DELETE /excurrency

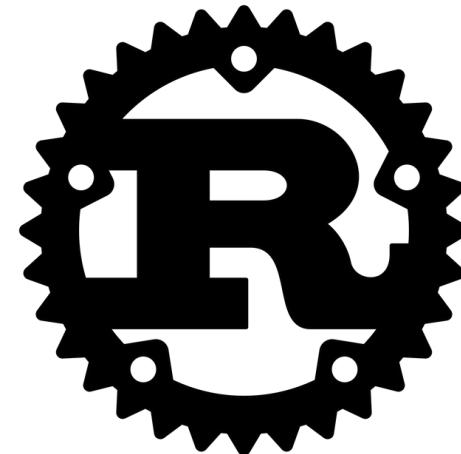


## 1. ส่วนการ **import library** และ **modules** ที่จำเป็น

```
use actix_web::{get, post ,put ,delete, App, HttpResponse, HttpServer, Responder, web};  
use reqwest::Error;  
use serde::{Deserialize, Serialize};  
use serde_json::{Value, Map, json};
```

## 2. ส่วนค่าคงที่ (**constants**) ซึ่งจะใช้ **BASE\_URL** เป็น **URL** จาก **APIARY**

```
const BASE_URL: &str = "https://private-810151-exchangeusdapi.apiary-mock.com";
```



### 3. ส่วน **Struct** ที่ใช้เพื่อเก็บข้อมูลจาก API ดังนี้

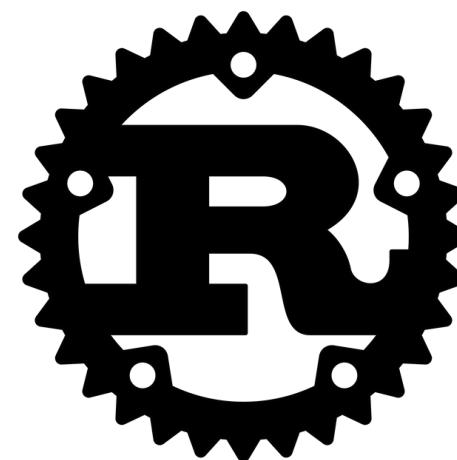
```
#[derive(Debug, Serialize, Deserialize)]
struct CurrencyRate {
    base: String,
    rates: Value,
}

#[derive(Debug, Serialize, Deserialize)]
struct ExchangeRate {
    currency: String,
    exchange_rate: f64,
}

#[derive(Debug, Serialize, Deserialize)]
struct ConversionResponse {
    base_currency: String,
    target_currency: String,
    amount: f64,
    exchange_rate: f64,
    converted_amount: f64,
}
```

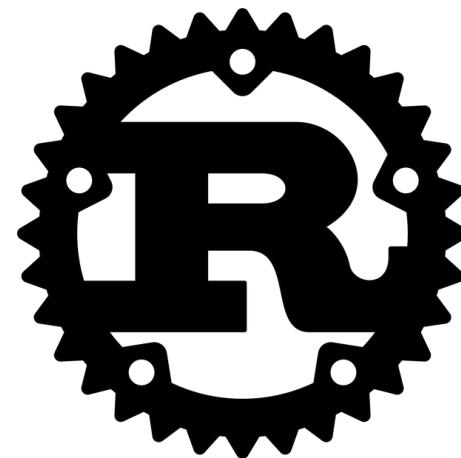
```
#[derive(Debug, Serialize, Deserialize)]
struct ConversionRequest {
    from_currency: String,
    to_currency: String,
    amount: f64,
}

#[derive(Debug, Serialize, Deserialize)]
struct CurrencyExchangeRate {
    #[serde(default)]
    currency: String,
    exchange_rate: f64,
}
```



## 4. ส่วน **Function** สำหรับเรียกใช้งาน **API** ดังนี้

Fn : currency\_rate

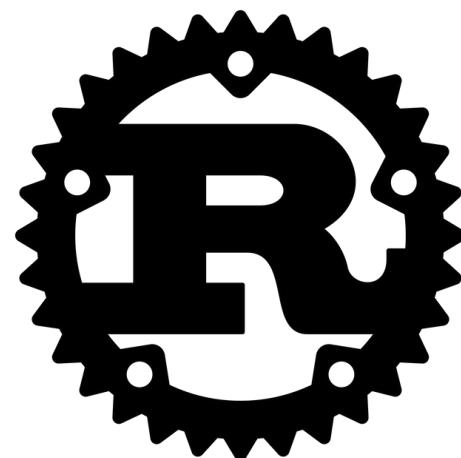


## 4. ส่วน Function สำหรับเรียกใช้งาน API ดังนี้

```
#[get("/exchange_rate/{currency}")]
async fn exchange_rate(info: web::Path<String,>) -> impl Responder {
    match get_exchange_rate(&info.0).await {
        Ok(result) => HttpResponse::Ok().json(result),
        Err(_) => HttpResponse::InternalServerError().finish(),
    }
}

async fn get_exchange_rate(currency: &str) -> Result<ExchangeRate, Error> {
    let url = format!("{}{}exchange_rate/{}", BASE_URL, currency);
    let response = reqwest::get(&url).await?;
    let result: Map<String, Value> = response.json().await?;
    let exurrency_rate = ExchangeRate {
        currency: result.get("currency").unwrap().as_str().unwrap().to_owned(),
        exchange_rate: result.get("exchange_rate").unwrap().as_f64().unwrap(),
    };
    Ok(exurrency_rate)
}
```

Fn : **exchange\_rate**



## 4. ส่วน **Function** สำหรับเรียกใช้งาน **API** ดังนี้

```
#[post("/convert_currency")]
async fn convert_currency(info: web::Json<ConversionRequest>) -> impl Responder {
    let from_currency = &info.from_currency;
    let to_currency = &info.to_currency;
    let amount = info.amount;

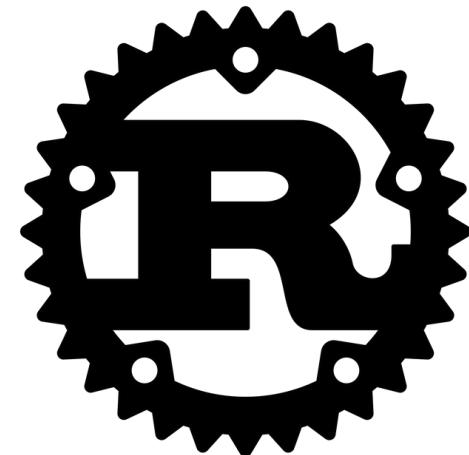
    match converted_amount(from_currency, to_currency, amount).await {
        Ok(result) => HttpResponse::Created().json(result),
        Err(_) => HttpResponse::InternalServerError().finish(),
    }
}

async fn converted_amount(from_currency: &str, to_currency: &str, amount: f64) -> Result<ConversionResponse, Error> {
    let url = format!("{}/USD/to/{}", BASE_URL, to_currency);
    let params = [
        ("from_currency", from_currency),
        ("to_currency", to_currency),
        ("amount", &amount.to_string()),
    ];
    let response = reqwest::Client::new().post(&url).form(&params).send().await?;
    let result: Value = response.json().await?;

    let rate = result["exchange_rate"].as_f64().unwrap();
    let converted_amount = rate * amount;

    let response = ConversionResponse {
        base_currency: from_currency.to_owned(),
        target_currency: to_currency.to_owned(),
        amount: amount,
        exchange_rate: rate,
        converted_amount: converted_amount,
    };
    Ok(response)
}
```

Fn : converted\_amount



## 4. ส่วน Function สำหรับเรียกใช้งาน API ดังนี้

```
#[post("/excurrency")]
async fn add_currency_exchange_rate(info: web::Json<CurrencyExchangeRate>) -> impl Responder {
    let currency = &info.currency;
    let rate = info.exchange_rate;

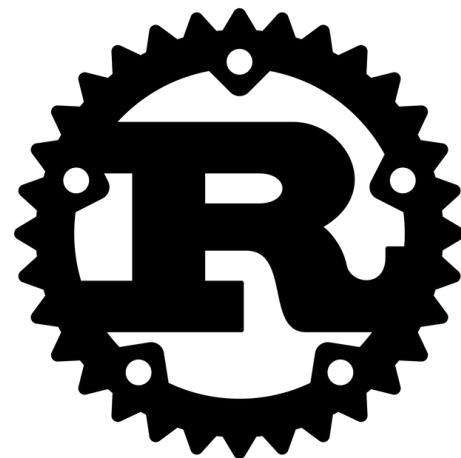
    match add_currency(currency, rate).await {
        Ok(_) => HttpResponse::Created().json(info.into_inner()),
        Err(_) => HttpResponse::InternalServerError().finish(),
    }
}

async fn add_currency(currency: &str, rate: f64) -> Result<(), Error> {
    let url = format!("{}{}/excurrency", BASE_URL);
    let payload = json!({
        "currency": currency,
        "exchange_rate": rate,
    });
    let response = reqwest::Client::new().post(&url).json(&payload).send().await?;

    if response.status().is_success() {
        println!("Added Currency Rate");
        println!("Currency: {}", currency);
        println!("Exchange Rate: {}", rate);
        println!();
    } else {
        let result: Value = response.json().await?;
        println!("Error: {}", result["error"]);
    }
}

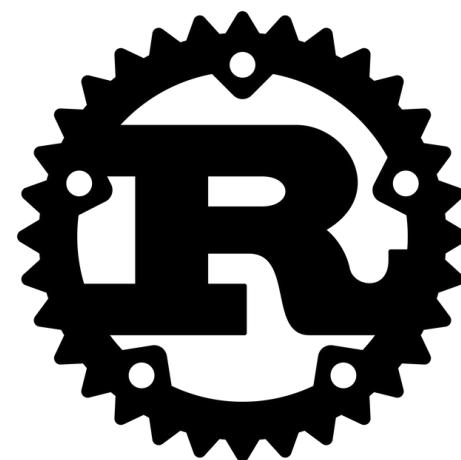
Ok(())
}
```

Fn : add\_currency



## 4. ส่วน **Function** สำหรับเรียกใช้งาน **API** ดังนี้

# Fn : update\_currency



## 4. ส่วน **Function** สำหรับเรียกใช้งาน **API** ดังนี้

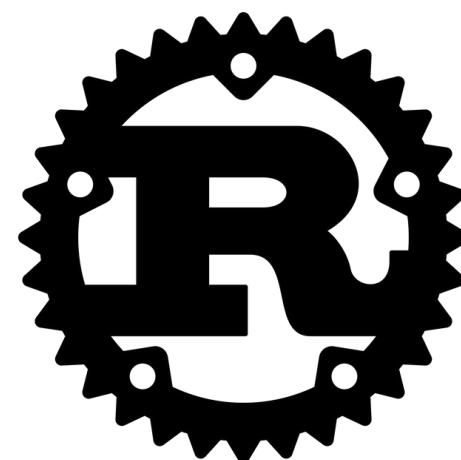
```
#[delete("/excurrency/{currency}")]
async fn delete_currency(info: web::Path<(String,>)) -> impl Responder {
    let currency = &info.0;
    match delete_currency_data(currency).await {
        Ok(_) => HttpResponse::Ok().json(json!({
            "message": format!("Deleted Currency: {}", currency)
        })),
        Err(_) => HttpResponse::InternalServerError().finish(),
    }
}

async fn delete_currency_data(currency: &str) -> Result<(), Error> {
    let url = format!("{}{}excurrency/{}", BASE_URL, currency);
    let response = reqwest::Client::new().delete(&url).send().await?;

    if response.status().is_success() {
        println!("Deleted Currency: {}", currency);
        println!();
    } else {
        let result: Value = response.json().await?;
        println!("Error: {}", result["error"]);
    }
}

Ok(())
}
```

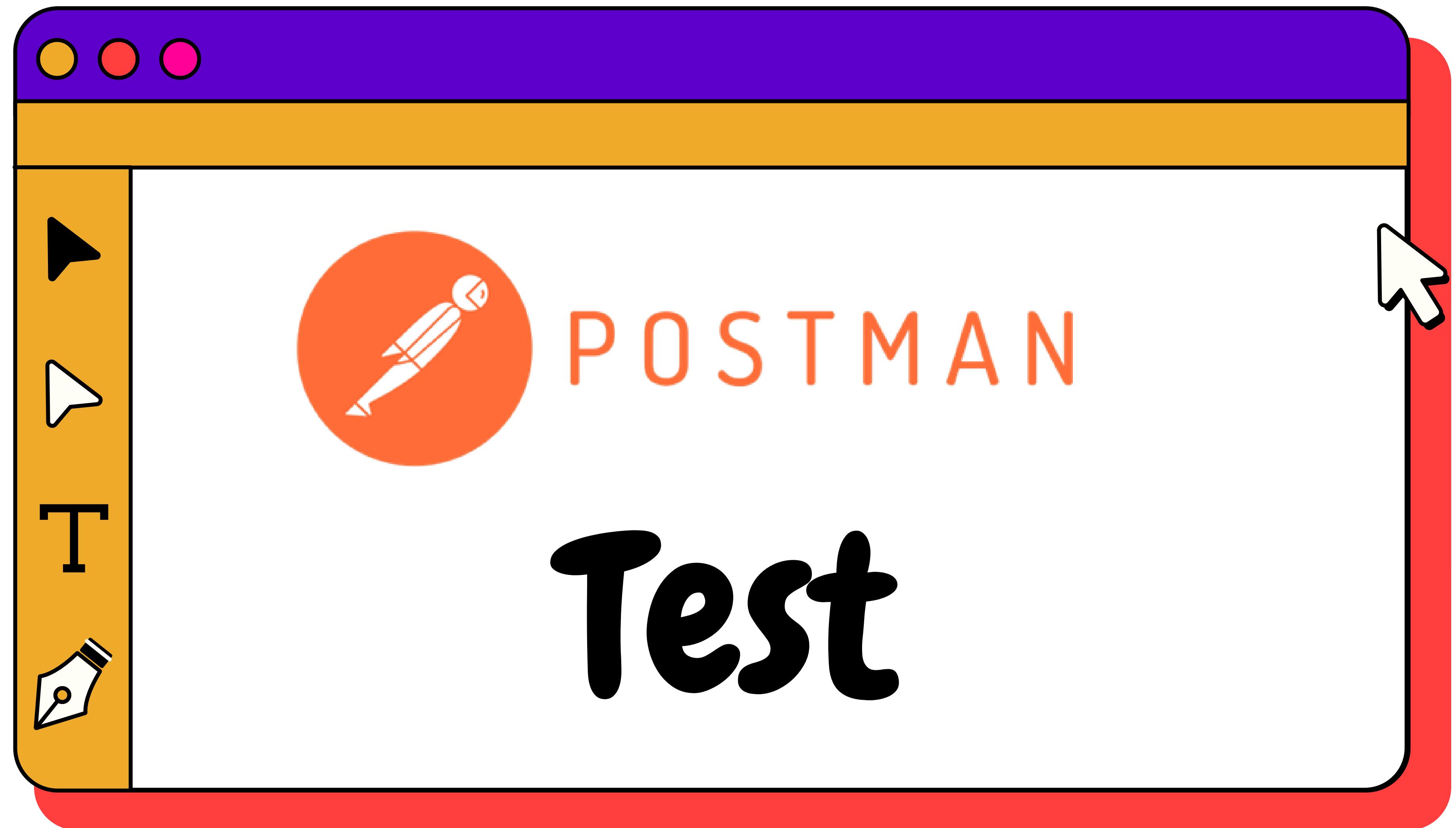
## Fn : delete\_currency



## 5. សៀវភៅ Main function

```
#[actix_web::main]
async fn main() -> std::io::Result<()> {
    HttpServer::new(|| {
        App::new()
            .service(currency_rate)
            .service(exchange_rate)
            .service(convert_currency)
            .service(add_currency_exchange_rate)
            .service(update_currency_exchange_rate)
            .service(delete_currency)

    })
    .bind("127.0.0.1:8080")?
    .run()
    .await
}
```



← → ⌂



GET http://localhost:8080/currency\_rate

⋮

exchangeCurrency

- GET All\_Currency\_rate
- GET Show\_ExchangeRate
- POST Convert\_Currency
- POST add\_New\_Currency
- PUT Update\_CurrencyRate
- DEL Delete Currency

GET http://localhost:8080/currency\_rate

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have a body

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON

Status: 200 OK Time: 1553 ms Size: 232 B Save Response

All Currency

```
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
{
  "base": "USD",
  "rates": {
    "CAD": 1.369,
    "CNY": 6.893,
    "EUR": 0.931,
    "GBP": 0.832,
    "HKD": 7.85,
    "JPY": 134.879,
    "SGD": 1.34,
    "THB": 34.511
  }
}
```

← → ⌂



GET http://localhost:8080/exchange\_rate/{currency}

⋮

exchangeCurrency

- GET All\_Currency\_rate
- GET Show\_ExchangeRate**
- POST Convert\_Currency
- POST add\_New\_Currency
- PUT Update\_CurrencyRate
- DEL Delete Currency

GET http://localhost:8080/exchange\_rate/CNY ...

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

none  form-data  x-www-form-urlencoded  raw  binary  GraphQL

This request does not have a body

Body Cookies Headers (3) Test Results

Status: 200 OK Time: 1526 ms Size: 148 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "currency": "CNY",
3   "exchange_rate": 6.893
4 }
```

← → ⌂



POST http://localhost:8080/convert\_currency

⋮

## exchangecurrency

GET All\_Currency\_rate

GET Show\_ExchangeRate

POST Convert\_Currency

POST add\_New\_Currency

PUT Update\_CurrencyRate

DEL Delete Currency

POST

http://localhost:8080/convert\_currency ...

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   "from_currency": "USD",
3   "to_currency": "JPY",
4   "amount": 1000
5 }
```

Body

Cookies

Headers (3)

Test Results



Status: 201 Created

Time: 876 ms

Size: 229 B

Save Response

Pretty

Raw

Preview

Visualize

JSON



```
1 {
2   "base_currency": "USD",
3   "target_currency": "JPY",
4   "amount": 1000.0,
5   "exchange_rate": 134.879,
6   "converted_amount": 134879.0
7 }
```



← → ⌂



POST http://localhost:8080/excurrency

⋮

exchangecurrency

GET All\_Currency\_rate

GET Show\_ExchangeRate

POST Convert\_Currency

POST add\_New\_Currency

PUT Update\_CurrencyRate

DEL Delete Currency

POST

http://localhost:8080/excurrency

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

1 {  
2 ... "currency": "AUD",  
3 ... "exchange\_rate": 1.410  
4 }

Body

Cookies

Headers (3)

Test Results



Status: 201 Created

Time: 361 ms

Size: 152 B

Save Response

Pretty

Raw

Preview

Visualize

JSON



1 {  
2 ... "currency": "AUD",  
3 ... "exchange\_rate": 1.41  
4 }

← → ⌂



PUT http://localhost:8080/excurrency/{currency}

⋮

exchangeCurrency

GET All\_Currency\_rate

GET Show\_ExchangeRate

POST Convert\_Currency

POST add\_New\_Currency

PUT Update\_CurrencyRate

DEL Delete Currency

PUT

http://localhost:8080/excurrency/THB

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```
1 {  
2   "exchange_rate": 36  
3 }
```

Body

Cookies

Headers (3)

Test Results



Status: 201 Created

Time: 355 ms

Size: 152 B

Save Response

Pretty

Raw

Preview

Visualize

JSON



1

```
{  
  "currency": "THB",  
  "exchange_rate": 36.0  
}
```



← → ⌂



DELETE http://localhost:8080/excurrency/{currency}

⋮

exchangecurrency

GET All\_Currency\_rate

GET Show\_ExchangeRate

POST Convert\_Currency

POST add\_New\_Currency

PUT Update\_CurrencyRate

DEL Delete Currency

DELETE

http://localhost:8080/excurrency/THB

Send

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

1

Body

Cookies

Headers (3)

Test Results



Status: 200 OK

Time: 1340 ms

Size: 143 B

Save Response

Pretty

Raw

Preview

Visualize

JSON



1



2 "message": "Deleted Currency: THB"

3





## รายชื่อสมาชิก



[

{

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}

]