

## 1. 資料轉換單元測試

### 缺幣別時

POSTMAN

Add an environment

Request url

Save

METHOD

GET

SCHEME // HOST [ : PORT ] | PATH [ ? QUERY ]

http://localhost:8080/api/coin/getCoinDesk2

length: 43 bytes

Send

QUERY PARAMETERS

HEADERS

Form

BODY

Add header

Add authorization

XHR does not allow payloads for GET request.

Response

Cache Detected - Elapsed Time: 2.25s

200

HEADERS

pretty

BODY

pretty

Content-Type: application/json

Transfer-Encoding: chunked

Date: Tue, 15 Apr 2025 04:59:38 GMT -1s

Keep-Alive: timeout=60

Connection: keep-alive

COMPLETE REQUEST HEADERS

```
{
  "updated": "2024/09/02 07:07:20",
  "currencyList": [
    {
      "cur": "USD",
      "cur_desc": "美元",
      "rate": 57756.298
    },
    {
      "cur": "GBP",
      "cur_desc": "未知幣別",
      "rate": 43984.02
    },
    {
      "cur": "EUR",
      "cur_desc": "未知幣別",
      "rate": 52243.287
    }
  ]
}
```

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2Request

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307/307 2/14 2/14/25

## 2. Table: coin crud

### 原始資料

GetCoin

Save

METHOD

SCHEME://HOST[:PORT][PATH[:QUERY]]

GET

http://localhost:8080/api/coin

length: 30 bytes

Send

QUERY PARAMETERS

HEADERS

Form

BODY

Add header

Add authorization

XHR does not allow payloads for GET request.

Response

Cache Detected - Elapsed Time: 530ms

200

HEADERS

pretty

BODY

pretty

Content-Type: application/json

Transfer-Encoding: chunked

Date: Tue, 15 Apr 2025 04:54:18 GMT

Keep-Alive: timeout=60

Connection: keep-alive

COMPLETE REQUEST HEADERS

```
[{"id": 1, "currency": "TWD", "cur_desc": "台幣"}, {"id": 2, "currency": "USD", "cur_desc": "美元"}, {"id": 3, "currency": "JPY", "cur_desc": "日圓"}]
```

length: 139 bytes

### 新增一筆

PostMapping

Save

METHOD

SCHEME://HOST[:PORT][PATH[:QUERY]]

POST

http://localhost:8080/api/coin

length: 30 bytes

Send

QUERY PARAMETERS

HEADERS

Form

BODY

☒ Content-Type: application/json

Add header

Add authorization

Text

```
1 {"cur_desc": "澳幣", "currency": "AUS"},
2
3
4 }
```

length: 55 bytes

Response

Cache Detected - Elapsed Time: 196ms

200

HEADERS

pretty

BODY

copy

Content-Length: 0 byte

Date: Tue, 15 Apr 2025 04:44:16 GMT

Keep-Alive: timeout=60

Connection: keep-alive

COMPLETE REQUEST HEADERS

No Content

### 再查一次

GetCoin

Save

METHOD

SCHEME // HOST [ ":" PORT ] [ PATH [ "?" QUERY ] ]

GET

http://localhost:8080/api/coin

length: 30 bytes

Send

QUERY PARAMETERS

HEADERS

Form

+

Add header

Add authorization

BODY

XHR does not allow payloads for GET request.

Response

Cache Detected - Elapsed Time: 52ms

200

HEADERS

pretty

Content-Type: application/json

Transfer-Encoding: chunked

Date: Tue, 15 Apr 2025 04:45:23 GMT

Keep-Alive: timeout=60

Connection: keep-alive

COMPLETE REQUEST HEADERS

BODY

pretty

[{"id": 1, "currency": "TWD", "cur\_desc": "台幣"}, {"id": 2, "currency": "USD", "cur\_desc": "美元"}, {"id": 3, "currency": "JPY", "cur\_desc": "日圓"}, {"id": 4, "currency": "AUD", "cur\_desc": "澳幣"}]

lines runs

copy

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刪掉 3 jpy

delete

Save

METHOD

SCHEME // HOST [ ":" PORT ] [ PATH [ "?" QUERY ] ]

DELETE

http://localhost:8080/api/coin/3

length: 32 bytes

Send

QUERY PARAMETERS

HEADERS

Form

+

Add header

Add authorization

BODY

XHR does not allow payloads for DELETE request.

Response

Cache Detected - Elapsed Time: 197ms

200

HEADERS

pretty

Content-Length: 0 byte

Date: Tue, 15 Apr 2025 04:46:21 GMT

Keep-Alive: timeout=60

Connection: keep-alive

COMPLETE REQUEST HEADERS

BODY

copy

No Content

再查一次

GetCoin

Save

METHOD

SCHEME // HOST [":" PORT] [PATH] [ "?" QUERY ]

GET

http://localhost:8080/api/coin

length: 30 bytes()

Send

QUERY PARAMETERS

HEADERS

Form

+

Add header

Add authorization

BODY

XHR does not allow payloads for GET request.

Response

Cache Detected - Elapsed Time: 20ms

200

HEADERS

pretty

Content-Type: application/json

Transfer-Encoding: chunked

Date: Tue, 15 Apr 2025 04:46:57 GMT

Keep-Alive: timeout=60

Connection: keep-alive

COMPLETE REQUEST HEADERS

BODY

pretty

[  
 {  
 id: 1,  
 currency: "TWD",  
 cur\_desc: "台幣"  
 },  
 {  
 id: 2,  
 currency: "USD",  
 cur\_desc: "美元"  
 },  
 {  
 id: 4,  
 currency: "AUS",  
 cur\_desc: "澳幣"  
 }  
]

lines nums

copy

length: 139 bytes

修改 usd 改成 usdollar

pretest

+ Add an environment

update

Save

METHOD

SCHEME // HOST [":" PORT] [PATH] [ "?" QUERY ]

PUT

http://localhost:8080/api/coin/2?currency=usdollar

length: 50 bytes()

Send

QUERY PARAMETERS [1]

HEADERS

Form

☒ Content-Type : application/json

+

Add header

Add authorization

BODY

Text

1

Text JSON XML HTML | Format body | Enable body evaluation

length: 0 byte

Response

Cache Detected - Elapsed Time: 10ms

200

HEADERS

pretty

Content-Length: 0 byte

Date: Tue, 15 Apr 2025 04:49:19 GMT

Keep-Alive: timeout=60

Connection: keep-alive

COMPLETE REQUEST HEADERS

BODY

No Content

copy

查結果

GetCoin

Save

METHOD

SCHEME://HOST[:PORT][PATH["?" QUERY]]

GET

http://localhost:8080/api/coin

Send

length: 30 byte(s)

QUERY PARAMETERS

HEADERS

Form

+

Add header

Add authorization

BODY

XHR does not allow payloads for GET request.

Response

Cache Detected - Elapsed Time: 33ms

200

HEADERS

pretty

Content-Type: application/json  
Transfer-Encoding: chunked  
Date: Tue, 15 Apr 2025 04:49:39 GMT  
Keep-Alive: timeout=60  
Connection: keep-alive

COMPLETE REQUEST HEADERS

BODY

pretty

[  
 {  
 id: 1,  
 currency: "TWD",  
 cur\_desc: "台幣"  
 },  
 {  
 id: 2,  
 currency: "usdollar",  
 cur\_desc: "美元"  
 },  
 {  
 id: 4,  
 currency: "AUS",  
 cur\_desc: "澳幣"  
 }  
]

lines runs copy

length: 144 bytes

### 3. Call coindesk API

GET

http://localhost:8080/api/coin/getCoindesk

Send

QUERY PARAMETERS

HEADERS

Form

BODY

+ Add header

Add authorization

XHR does not allow payloads for GET request.

Response

Curlie Detected - Elapsed Time: 1.82s

200

HEADERS

pretty

BODY

Content-Type: text/plain; charset=UTF-8

Content-Length: 726 bytes

Date: Tue, 15 Apr 2025 04:49:49 GMT

Keep-Alive: timeout=60

Connection: keep-alive

COMPLETE REQUEST HEADERS

```
{
  "time": {
    "updated": "Sep 2, 2024 07:07:28 UTC",
    "updatedISO": "2024-09-02T07:07:28+00:00",
    "updateduk": "Sep 2, 2024 at 08:07 BST"
  },
  "disclaimer": "Just for test",
  "charName": "Bitcoin",
  "api": {
    "USD": {
      "code": "USD",
      "symbol": "฿฿฿",
      "rate": "57.756.298",
      "description": "United States Dollar",
      "rate_float": 57756.2984
    },
    "GBP": {
      "code": "GBP",
      "symbol": "£pound",
      "rate": "43.984.02",
      "description": "British Pound Sterling",
      "rate_float": 43984.0203
    },
    "EUR": {
      "code": "EUR",
      "symbol": "€euro",
      "rate": "52.243.287",
      "description": "Euro",
      "rate_float": 52243.2865
    }
  }
}
```

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Request

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## 4. Transfer data API

The screenshot displays a REST client interface with the following details:

- Request url:** The URL is `http://localhost:8080/api/coin/getCoinDesk2`. The method is `GET`. A `Save` button is present.
- HEADERS:** The `Form` tab is selected. It shows `Content-Type: application/json`, `Transfer-Encoding: chunked`, `Date: Tue, 15 Apr 2025 05:02:24 GMT`, `Keep-Alive: timeout=60`, and `Connection: keep-alive`. There is an `Add header` button and a note: `XHR does not allow payloads for GET request.`
- Response:** The status is `200`. The `Body` tab is selected, showing a JSON response: 

```
{  "updated": "2024/09/02 07:07:20",  "currencyList": [    {      "cur": "USD",      "cur_desc": "美元",      "rate": 57756.298    },    {      "cur": "GBP",      "cur_desc": "英镑",      "rate": 43984.02    },    {      "cur": "EUR",      "cur_desc": "欧元",      "rate": 52243.287    }  ]}
```
- Footer:** Includes navigation icons (Top, Bottom, Collapse, Open), `2Request`, `Copy`, `Download`, and a `length: 43 bytes` indicator.