

# Assignments : Obtain public data by REST API

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2) REST API URL address:

2.1) <https://open.er-api.com/v6/latest/USD>

2.2) <https://open.er-api.com/v6/latest/THB>

3) Example

3.1) Base USD :

```
{
  "result": "success",
  "provider": "https://www.exchangerate-api.com/docs/free",
  "terms_of_use": "https://www.exchangerate-api.com/terms",
  "time_last_update_unix": 167529752,
  "time_last_update_utc": "Wed, 01 Feb 2023 00:02:32 +0000",
  "time_next_update_unix": 1675297182,
  "time_next_update_utc": "Thu, 02 Feb 2023 00:19:42 +0000",
  "base_code": "USD",
  "rates": {
    "AUD": 1.0725,
    "BGN": 1.81556,
    "BRL": 5.26464,
    "CAD": 1.0725,
    "CHF": 0.91484,
    "CNY": 6.75831,
    "CZK": 13.7593,
    "DKK": 6.87564,
    "GBP": 0.785666,
    "HKD": 7.7556,
    "HUF": 350.361,
    "IDR": 15490.7,
    "ILS": 3.53435,
    "INR": 79.4806,
    "JPY": 149.087,
    "KRW": 1272.57,
    "LBP": 1507.5,
    "LKR": 365.761,
    "MYR": 4.68356,
    "NOK": 10.4657,
    "NZD": 1.57001,
    "PHP": 54.7564,
    "PLN": 3.98471,
    "RON": 4.54646,
    "RUB": 70.3396,
    "SEK": 10.4657,
    "SGD": 1.3446,
    "THB": 3.45689,
    "TRY": 18.7564,
    "USD": 1.0,
    "ZAR": 17.7583
  }
}
```

3.2) Base THB :

```
{
  "result": "success",
  "provider": "https://www.exchangerate-api.com/docs/free",
  "terms_of_use": "https://www.exchangerate-api.com/terms",
  "time_last_update_unix": 167529752,
  "time_last_update_utc": "Wed, 01 Feb 2023 00:02:32 +0000",
  "time_next_update_unix": 1675297182,
  "time_next_update_utc": "Thu, 02 Feb 2023 00:19:42 +0000",
  "base_code": "THB",
  "rates": {
    "AUD": 0.317796,
    "BGN": 0.64889,
    "BRL": 17.2268,
    "CAD": 0.317796,
    "CHF": 0.271127,
    "CNY": 22.9152,
    "CZK": 45.4387,
    "DKK": 0.271127,
    "GBP": 0.232686,
    "HKD": 2.71127,
    "HUF": 127.257,
    "IDR": 5284.22,
    "ILS": 1.13108,
    "INR": 27.9576,
    "JPY": 149.087,
    "KRW": 1272.57,
    "LBP": 1507.5,
    "LKR": 365.761,
    "MYR": 1.3446,
    "NOK": 3.45689,
    "NZD": 0.54689,
    "PHP": 19.2771,
    "PLN": 1.3446,
    "RON": 1.3446,
    "RUB": 70.3396,
    "SEK": 3.45689,
    "SGD": 0.317796,
    "THB": 1.0,
    "TRY": 18.7564,
    "USD": 0.271127,
    "ZAR": 6.48356
  }
}
```

4) This API data shows the currency exchange rate from the base USD and THB.

5) URL linking to the REST API reference document for the public data repository you have obtained:

<https://www.exchangerate-api.com/docs/free>