

Daum Exchange

- `https://finance.daum.net`

```
In [1]: import pandas as pd
import requests
```

```
In [7]: # 1. URL
url = 'https://finance.daum.net/api/exchanges/summaries' # 다음 환율
```

```
In [37]: # Cookie, Referer, User-Agent에서 결정 남 # 403이 나올 때
headers = {'User-Agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML,
'Referer': 'https://finance.daum.net/exchanges',}
```

```
In [38]: # 2. request -> response
response = requests.get(url, headers=headers)
response
```

```
Out[38]: <Response [200]>
```

```
In [40]: response.text[:500]
```

```
Out[40]: '{"data":[{"symbolCode":"FRX.KRWUSD","date":"2024-03-19 10:12:06","currencyCode":"USD","currencyName":"달러","currencyUnit":1,"country":"미국","region":{"korName":"아메리카","engName":"America"},"name":"미국 (USD/KRW)","recurrenceCount":47,"basePrice":1338.1,"change":"RISE","changePrice":1.6,"changeRate":0.0011971568,"cashBuyingPrice":1361.51,"cashSellingPrice":1314.69,"ttBuyingPrice":1325.0,"ttSellingPrice":1351.2,"tcBuyingPrice":null,"fcSellingPrice":null,"exchangeCommission":7.1788,"usDollarRate":1.0,"c'
```

```
In [52]: # 3. parsing : json(str) -> DataFrame
data = response.json()['data']
df = pd.DataFrame(data)[['symbolCode', 'currencyCode', 'currencyName', 'basePrice']]
```

```
In [54]: df
```

Out[54]:

	symbolCode	currencyCode	currencyName	basePrice
0	FRX.KRWUSD	USD	달러	1338.10
1	FRX.KRWJPY	JPY	엔	896.16
2	FRX.KRWCNY	CNY	위안	185.66
3	FRX.KRWEUR	EUR	유로	1454.65
4	FRX.KRWGBP	GBP	파운드	1702.06
5	FRX.KRWCHF	CHF	프랑	1506.19
6	FRX.KRWCAD	CAD	달러	987.93
7	FRX.KRWNZD	NZD	달러	812.70
8	FRX.KRWHKD	HKD	달러	171.10
9	FRX.KRWBRL	BRL	레알	265.98
10	FRX.KRWMXN	MXN	페소	79.46
11	FRX.KRWAED	AED	디르함	364.35
12	FRX.KRWKWD	KWD	디나르	4353.53
13	FRX.KRWBHD	BHD	디나르	3552.16
14	FRX.KRWINR	INR	루피	16.13
15	FRX.KRWSAR	SAR	리알	356.80
16	FRX.KRWNOK	NOK	크로네	125.51
17	FRX.KRWDKK	DKK	크로나	195.07
18	FRX.KRWMYR	MYR	링기트	283.26
19	FRX.KRWBDT	BDT	타카	12.19
20	FRX.KRWPKR	PKR	루피	4.80
21	FRX.KRWIDR	IDR	루피아	8.55
22	FRX.KRWTWD	TWD	달러	42.20
23	FRX.KRWPHP	PHP	페소	24.03
24	FRX.KRWSEK	SEK	크로나	128.18
25	FRX.KRWAUD	AUD	달러	876.32
26	FRX.KRWSGD	SGD	달러	998.99
27	FRX.KRWTHB	THB	바트	37.15
28	FRX.KRWEGP	EGP	파운드	28.40
29	FRX.KRWBND	BND	달러	998.99
30	FRX.KRWILS	ILS	셰켄	366.33
31	FRX.KRWJOD	JOD	디나르	1887.31
32	FRX.KRWVND	VND	동	5.41
33	FRX.KRWRUB	RUB	루블	14.59

	symbolCode	currencyCode	currencyName	basePrice
34	FRX.KRWHUF	HUF	포린트	3.68
35	FRX.KRWPLN	PLN	줄러티	336.51
36	FRX.KRWZAR	ZAR	랜드	70.58
37	FRX.KRWMNT	MNT	투그릭	0.39
38	FRX.KRWCZK	CZK	코루나	57.65
39	FRX.KRWKZT	KZT	텡게	2.97
40	FRX.KRWQAR	QAR	리알	366.90
41	FRX.KRWTRY	TRY	리라	41.38

In []: