

MANUAL REQUEST

API ENDPOINT:

<https://api.ibanfirst.com/PublicAPI>

Get all cross

Cross/{Instrument}

<https://api.ibanfirst.com/PublicAPI/Cross>

```
{ "status": 200, "date": "2022-02-11
10:11:25", "errorMessage": null, "crossList":
[ { "instrument": "EURCHF", "type": "Major" },
{ "instrument": "EURGBP", "type": "Major" },
{ "instrument": "EURUSD", "type": "Major" },
{ "instrument": "USDCHF", "type": "Major" },
{ "instrument": "USDEUR", "type": "Major" },
{ "instrument": "USDGBP", "type": "Major" } ] }
```

GET Cross details

Rate/{Instrument}

<https://api.ibanfirst.com/PublicAPI/Rate/EURCHF>

cross exemple :

```
{ "status": 200, "date": "2022-02-11
10:32:42", "errorMessage": null, "rate":
{ "instrument": "EURCHF", "rate": 1.05708, "date": "2022-02-11
10:28:00" } }
```

GETS RATE HISTORY

RateHistory/{instrument}

```
[ { "instrument": "EURCHF", "rate": 1.0439, "date": "2022-01-09 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0504, "date": "2022-01-10 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0499, "date": "2022-01-11 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.046, "date": "2022-01-12 7:54:29" },
{ "instrument": "EURCHF", "rate": 1.0439, "date": "2022-01-13 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0432, "date": "2022-01-14 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0431, "date": "2022-01-16 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0428, "date": "2022-01-17 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.039, "date": "2022-01-18 7:54:29" },
{ "instrument": "EURCHF", "rate": 1.0387, "date": "2022-01-19 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0375, "date": "2022-01-20 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0345, "date": "2022-01-21 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0346, "date": "2022-01-23 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0352, "date": "2022-01-24 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0376, "date": "2022-01-25 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0389, "date": "2022-01-26 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0376, "date": "2022-01-27 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.038, "date": "2022-01-28 7:54:29" },
{ "instrument": "EURCHF", "rate": 1.0381, "date": "2022-01-30 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0412, "date": "2022-01-31 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0383, "date": "2022-02-01 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.039, "date": "2022-02-02 7:54:29" },
{ "instrument": "EURCHF", "rate": 1.0529, "date": "2022-02-03 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.06, "date": "2022-02-04 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0607, "date": "2022-02-06 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0565, "date": "2022-02-07 17:54:29" },
{ "instrument": "EURCHF", "rate": 1.0563, "date": "2022-02-08 17:54:29" } ]
```

Parameters:

Date formatting

&dateFormat=Y-m-d H:i:s

Reformatted:

```
?dateFormat=Y-m-d%20H%3Ai%3As
```

```
?dateFormat=Y-m-d'
```

From

From permet d'indiquer la date de départ de sélection de date. Par défaut, une requête avec un paramètre from renverra l'historique jour par jour (avec quelques exceptions de jours sautés) jusqu'à la date d'aujourd'hui. Il faut donc récupérer le dernier élément rate de la liste et faire un ratio avec la première rate de la liste pour avoir une idée de l'évolution du taux de change sur la période désirée.

Milliseconds Date Formating :

PHP Date format

<https://www.php.net/manual/fr/datetime.format.php>

Javascript conversion :

<https://stackoverflow.com/questions/4673527/converting-milliseconds-to-a-date-jquery-javascript>

```
var time = new Date().getTime(); // get your number
```

```
var date = new Date(time); // create Date object
```

```
console.log(date.toString()); // result: Wed Jan 12 2011 12:42:46 GMT-0800 (PST)
```

JavaScript: forEach() and .map()

<https://stackoverflow.com/questions/34426458/javascript-difference-between-foreach-and-map>

Try catch with async and await

<https://stackoverflow.com/questions/40884153/try-catch-blocks-with-async-await>