



Xe Currency Data API
Quick Start Guide
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What kind of requests can I make with the API?

You can make different kinds of requests to the API. Here's a sample:

- **Currencies List** - Access a list of all available currencies.
- **Convert From** - Convert from one base currency to one or multiple counter currencies
- **Convert To** - Convert to a currency amount from one or multiple other currencies.
- **Historic Rate** - Get historic rates for one base currency against one or more counter currencies.

How can I access the API?

There are several ways to access the API – some are more technical than others. This document details how to access the API through your web browser. For details on how to integrate Xe Currency Data with your software, refer to our API Specifications document located in our [Help Centre](#); note that it is more technical in nature.

How can I access the API through my web browser?

The API can be easily accessed through your web browser. Decide on which type of request you would like to make and the results can be returned directly in your browser. Detailed instructions can be found below.

Step 1 – Build your API Request URL

Select the request type you wish to make and build your URL. Instructions for each request type are listed below.

Request Type: Currencies List

Description: Access a list of all available currencies (without rates).

Sample URL: <https://xecdapi.xe.com/v1/currencies.json/?obsolete=true>

Component	Description
xecdapi.xe.com	This is the domain you must use to access the API
v1	This is the API version number. Our API is currently on version 1.
currencies	This is the type of request you want to make.
.json/	This defines the format of your data. Supported formats are: .json, .csv, or .xml
?obsolete=true	This optional parameter returns active and obsolete currencies.

Request Type: Convert From

Description: Convert from one base currency to one or multiple counter currencies.

Example: Convert 110.23 CAD to USD and GBP.

Note: Each rate returned counts as one API request towards your monthly limit.

Sample URL: https://xecdapi.xe.com/v1/convert_from.json/?from=CAD&to=USD,GBP&amount=110.23

Component	Description
xecdapi.xe.com	This is the domain you must use to access the API
v1	This is the API version number. API is currently on version 1.
convert_from	This is the type of request you want to make.
.json/	This defines the format of your data. Supported formats are: .json, .csv, or .xml
/?from=CAD	This is the base currency you want to convert an amount from.
&to=USD,GBP	These are the currencies you want to convert to. Use commas to separate multiple currencies.
&amount=110.23	This is the amount you want to convert from.

Request Type: Convert To

Description: Convert to a currency amount from multiple other currencies.

Example: Determine how much USD and EUR you need to get \$1,000 CAD.

Note: Each rate returned counts as one API request towards your monthly limit.

Sample URL: https://xecdapi.xe.com/v1/convert_to.json/?to=CAD&from=USD,EUR&amount=1000

Component	Description
xecdapi.xe.com	This is the domain you must use to access the API
v1	This is the API version number. API is currently on version 1.
convert_to	This is the type of request you want to make.
.json/	This defines the format of your data. Supported formats are: .json, .csv, or .xml
/?to=CAD	This is the currency you want to convert to.
&from=USD,EUR	These are the currencies you want to convert from. Use commas to separate multiple currencies.
&amount=1000	This is the amount you want to convert to.

Request Type: Historic Rate

Description: Get the historic rate for one base currency against one or more counter currencies.

Example: Convert \$150 from USD to CAD and JPY for May 5th, 2011.

Note: Each rate returned counts as one API request towards your monthly limit

Sample URL:

https://xecdapi.xe.com/v1/historic_rate.json/?from=USD&date=2011-03-05&to=CAD,JPY&amount=150

Component	Description
<code>xecdapi.xe.com</code>	This is the domain you must use to access the API
<code>v1</code>	This is the API version number. API is currently on version 1.
<code>historic_rate</code>	This is the type of request you want to make.
<code>.json/</code>	This defines the format of your data. Supported formats are: .json, .csv, or .xml
<code>/?from=USD</code>	This is the currency you want to convert from.
<code>&date=2011-03-05</code>	This is the date you want the rates as of. YYYY-MM-DD
<code>&to=CAD,JPY</code>	These are the currencies you want to convert to. Use commas to separate multiple currencies.
<code>&amount=150</code>	This is the amount you want to convert.

Step 2 – Submit your URL and API Credentials

Input your request URL into your browser and enter your credentials. Enter your Account ID into the *Name* field and your API Key into the *Password* field. These details are provided to you when you sign up for the service.

To view this page, you must log in to this area on
xecdapi.xe.com:443:

XE API

Your login information will be sent securely.

Name:

Password:

Remember this password in my keychain

Step 3 – Access your API Results

Results from your API request will appear in your browser. Below are sample API results in each of the supported formats.

.json format sample:

```
{ "terms": "http://www.xe.com/legal/dfs.php", "privacy": "http://www.xe.com/privacy.php", "from": "CAD", "amount": 110.23, "timestamp": "2015-02-03T18:59:00Z", "to": [{"quotecurrency": "GBP", "mid": 58.613971224738464}, {"quotecurrency": "USD", "mid": 88.85570989972662} ] }
```

.csv format sample:

	A	B	C	D	E
1	Terms	http://www.xe.com/privacy.php	Privacy	http://www.xe.com/legal/dfs.php	
2	from	amount	timestamp	quotecurrency	mid
3	CAD	110.23	2015-02-10T09:00:00Z	GBP	57.94603144
4	CAD	110.23	2015-02-10T09:00:00Z	USD	88.29417549
5					

.xml format sample:

```
<?xml version="1.0" encoding="UTF-8" ?>
<convertFrom xmlns="http://xecdapi.xe.com" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="https://xecdapi.xe.com/schema/v1/convertFrom.xsd">
  <terms>http://www.xe.com/privacy.php</terms>
  <privacy>http://www.xe.com/legal/dfs.php</privacy>
  <from>CAD</from>
  <amount>110.23</amount>
  <timestamp>2015-02-10T09:00:00Z</timestamp>
  <to>
    <rate>
      <currency>GBP</currency>
      <mid>57.9460314353</mid>
    </rate>
    <rate>
      <currency>USD</currency>
      <mid>88.2941754937</mid>
    </rate>
  </to>
</convertFrom>
```