



Currency Updater

Release Notes and Limitations

Date	Version	Release Name	Notes
2021-04-14	V1.10	April 2021 r1	First release
2021-05-18	V1.11	May 2021 r1	Added debug flag
2022-12-01	V1.17	Winter 2022 r1	Added bug fixes

We support the following FX providers:

FX Provider	Website	Minimum Recommended Plan
Currency Converter API	www.currencyconverterapi.com	Prepaid
Currency Layer	www.currencylayer.com	Professional
Exchange Rates API	https://exchangeratesapi.io/	Professional
Fixer	www.fixer.io	Professional
OANDA Exchange Rates API	www.oanda.com/foreign-exchange-data-services/en/exchange-rates-api	Plan with Real Time Rate Support
Open Exchange Rates	www.openexchangerates.org	Enterprise
XE	www.xe.com/xecurrencydata	Lite
Xignite Global Currencies	www.xignite.com/product/forex#	Contact Rep

Your chosen FX provider (and the plan) should support the retrieval of real-time FX rates. Optionally, if you have **Advanced Currency Management (ACM)** enabled and plan on using the “Update Historical FX Rates” functionality, your FX provider should support the ability to retrieve a date range of FX rates with one API call. Some FX providers also only allow you to retrieve a specific date range going back X number of years.

PLEASE NOTE THAT FX PROVIDERS CAN FREQUENTLY CHANGE THEIR PLANS AND SUPPORT AND OUR RECOMMENDED PLANS SOMETIMES WILL BE OUTDATED. PLEASE MAKE SURE YOU RUN TRIALS AND TESTS WITH YOUR CHOSEN FX PROVIDER.

API Limits

- **Salesforce:** The CurrencyType and DatedConversionRate objects in Salesforce cannot be updated via an APEX DML statement and must be updated via an API callout.
- **FX Provider:** Various FX providers have different API limits. E.g., Some may only allow you to access FX rates for a set # of days, a set time period, etc.

Currency Updater uses API callouts to our Heroku app when retrieving FX rates from an FX provider and updating Salesforce currency objects. Please be cognizant of your API limits as the API could be called multiple times per FX rate/currency that is being updated.

As an example, the API could be called this many times...for a scenario where the corporate currency is USD and we are updating two currencies (CAD and EUR) for Jan 5, 2021:

- 1 time to retrieve FX rates from FX provider
- 2 times to update CurrencyType object for each currency (where real-time FX rates are stored)
- 2 times to update DatedConversionRate object for each FX rates (where historical FX rates are stored – only applicable to ACM enabled orgs)



- TOTAL = 5 times for a single date ← Multiple this number for each additional day. E.g., if you are updating a historical range of 5 days, the API is called 25 times (5 x 5)

Data Storage

Currency Updater will consume standard Salesforce.com data storage. Please be cognizant of your storage limits when enabling the “Retain Staging Data” option.