

Quote Loader Version 2 Extension, Moneydance 2022-2024 Handling Cryptocurrencies and Market Indices & Futures v5.3

(Ref PDF "Quote Loader Extension by Mike Bray")

At your own risk.

Always do a FILE- EXPORT BACKUP before following the procedures below.

OVERVIEW

Cryptocurrencies

Moneydance is designed to handle normal currencies exchange rates but can also handle Cryptocurrencies. Quote Loader can download Cryptocurrencies in a form that can be imported into Moneydance.

The process is outlined below, see [here](#). Also supported are Cryptocurrency Investments, see [here](#)

| Exchange Rates | 1/x | The 1/X inverts the listed values. |
|----------------|----------|--|
| Bitcoin | 0.000157 | In the screen shot the setting is such that one unit of the Moneydance's Base Currency = X units in the denomination displayed. The inverse would give one unit of the denomination displayed = X units in the Base Currency. Moneydance does not indicate the selection 1/X is making. |
| Ethereum | 0.00193 | |
| Euro | 1.13335 | |
| Ripple | 1.935381 | |
| US Dollar | 1.354224 | |

Market Indices

Moneydance isn't designed to track Market Indices, such as the Dow Jones Industrial Average, FTSE 100 or Canadian S&P/TSX. However, it is possible to use the Quote Loader to obtain data and import that data into Moneydance and display this data thus. See [here](#)

| Stock Prices | | |
|-------------------------------|---------------|--|
| .Dow Jones Industrial Average | USD: 34053.94 |  |
| .FTSE 100 | 7828.85 | |
| .German Se Xetra Dax Index | EUR: 15370.99 | |
| .S&PAust Index Asx 200 Index | AUD: 7558.1 | |

Market Futures see [here](#)

| Stock Prices | |
|-----------------|--------|
| Copper Mar 23 | 4.109 |
| Gold Apr 23 | 1927.1 |
| Platinum Mar 23 | 1665 |
| Silver Mar 23 | 23.45 |



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Note: If you are running a VPN this may slow down Quote Loader, some quotes may be missed or the retrieval of data may fail. If the issue persists try turning off your VPN.

The main PDF provides an in-depth understanding on how to set up and use Quote Loader and should be used as a reference to obtain a better understanding of the following.

CRYPTOCURRENCIES

Yahoo only support cryptocurrency exchange rates related to USD, GBP, CAD and EURO.
Thus, unfortunately if your Base currency is not one of the above cryptocurrency exchange rates cannot be returned.

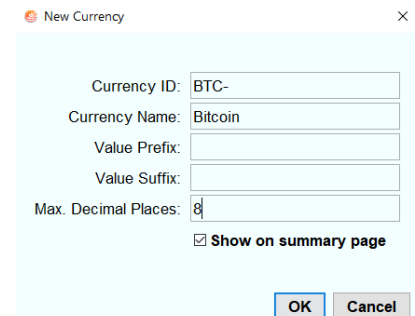
Cryptocurrencies in Moneydance as a Currency.

In this example the cryptocurrency Bitcoin is added.

TOOLS – CURRENCIES then click “+” and fill in window thus. →

Note the Symbol for the cryptocurrency must match the characters of the symbol given in the table [here](#) up to the and including “-“

Example for Ethereum use ETH- and for DigitalCash use DASH-
Click OK.



Obtaining a Cryptocurrency Exchange Rates

Under extension run Quote Loader. On the Parameters tab tick “Include Exchange Rates” and select “Display on separate tab”. Set “Decimal Digits” as required, usually 8 for cryptocurrencies. Select the Exchange Rates tab.

For a cryptocurrency to be listed under “Ticker” Symbols it must be selected in Moneydance to “Show on summary page” under TOOLS – CURRENCIES select currency - EDIT.



| Select | Ticker | Name | Source | Last Price | Price Date | New Price | % chg | Amt chg | Trade Date |
|--------------------------|--------|-----------|--------|-------------|------------|-------------|--------------|-------------|------------|
| <input type="checkbox"/> | AE- | Aeternity | Yahoo | 16.70285619 | 01/02/2023 | 15.66391749 | -6.22012600 | -1.03893870 | 23/02/2023 |
| <input type="checkbox"/> | BTC- | Bitcoin | Yahoo | 0.00005334 | 01/02/2023 | 0.00005024 | -5.79319996 | -0.00000309 | 23/02/2023 |
| <input type="checkbox"/> | DASH- | Dash | Yahoo | 0.02058884 | 01/02/2023 | 0.01689793 | -17.92674987 | -0.00369091 | 23/02/2023 |
| <input type="checkbox"/> | ETH- | Ethereum | Yahoo | 0.00077856 | 01/02/2023 | 0.00072800 | -6.49402752 | -0.00005056 | 23/02/2023 |

Please don't repeatedly click GET EXCHANGE RATES as the Source may lockout.

On the Exchange Rates tab select Yahoo as the source and click “Get Exchange Rates”.

The retrieved New Price gives the exchange rate of one GBP = X Bitcoins.

In the example, one GBP = 0.00005024 Bitcoins.

1. Click the “Select all lines” button or individual tick boxes to Select the lines to be saved.
2. Click the “Save selected Lines” button, then click OK button OR click “Close” to cancel Save.

If you wish to retrieve data since the last data stored in a Moneydance Currency/Security History window tick “Retrieve missed Prices” box on the Parameters tab. Active only when source is Yahoo HD.

Important see [here](#).

Cryptocurrencies in Moneydance as an investment

To track a cryptocurrency as an investment the cryptocurrency must be set up as a security.

In this example the Moneydance Base Currency is GBP.

Cryptocurrency Bitcoin is added as a security.

TOOLS – SECURITIES then click “+” and fill in window thus.

Note the Symbol for the security must match the characters of the symbol given in the cryptocurrency table [here](#)

If the Base Currency is not USD, GBP, CAD or EUR use symbol ending in USD and click TOOLS – SECURITIES – “Cryptocurrency investment” e.g. “Bitcoin” and change currency to US Dollar. Ensure the exchange rate USD is listed on the summary page. Tick “Show on summary page” under TOOLS – CURRENCIES - US Dollar - EDIT.

Click OK.

New Security

Security ID: BTC-GBP

Security Name: Bitcoin

Ticker Symbol: BTC-GBP

Price: 1

Value Prefix:

Value Suffix:

Max. Decimal Places: 8

☒ Show on summary page

OK

Cancel

Adding an Investment Account called Cryptocurrency.

Create new investment account – “Cryptocurrency” in the normal way.

- a) Click on another account in the side bar then back to Cryptocurrency. Buy the security in the normal way by: -

First Security click Yes, next time ACTIONS – ADD SECURITY.

- b) Fill in the window thus _____
- c) In this example Bitcoin investment is tracked. 0.01 Shares at a Price of £13834 will be purchased equal to an Amount of £138.34

Account Info: Cryptocurrency

Account: British Pound

Security: Bitcoin New Security

Broker:

Phone Number:

Cost Basis: ☒ Avg. Cost ☐ Lot Matching

Type: Other

Subtype: Cryptocurrency Edit

Comments:

OK Cancel

ACTION – NEW TRANSACTION and fill in transaction line thus.

| | | | | | | | | | | | | | | | |
|------------|--|----------------|--|-------------|--|---------------|--|-------------------|--|--------------|--|-----------|--|-----------------|--|
| Download | | Portfolio View | | Register | | Bank Register | | Securities Detail | | ⌵ Actions | | | | | |
| All | | Unconfirmed | | Uncleared | | 30 Days | | 60 Days | | This Month | | This Year | | New Transaction | |
| Date | | Action | | Description | | C | | Security | | Transfer | | Shares | | Amount | |
| Tax Date | | Cheque# | | Memo | | | | Category | | Fee Category | | Price | | Fee | |
| 02/01/2023 | | Buy | | | | | | Bitcoin | | | | 0.01 | | 138.34 | |
| | | | | | | | | | | | | 13834 | | | |
| | | | | | | | | | | | | | | | |

The Security Detail window will then look like this.

Securities Detail

Bitcoin

Shares: 0.01
 Price: 13834 GBP
 Current Value: 138.34
 Cost Basis: 138.34
 Cost/Share: 13,834.00
 % Change: 0

- d) Repeat steps a) to d) for each Cryptocurrency Security you wish to add.

Obtain\Save Cryptocurrency Investments with a Base Currency of USD GBP CAD EUR

Under extension run Quote Loader. On the “Parameters” tab set “Display on separate tab”

On the Security tab select Yahoo as the source to obtain the Bitcoin price and click “Get Prices”

The returned New Price has the exchange rate of one Bitcoins =X GBP in the example 1 Bitcoin =19936.93GBP

Select the quote to be saved and click “Save selected Lines”.

| Select | Ticker | Alt Ticker | Exch Mod | Name | Source | Last Price | Price Date | New Price | % chg | Amt chg | Trade Date | Trade Currency | Volume |
|--------------------------|---------|------------|----------|---------|---------------------|--------------|--------------|-------------------|---------|------------|--------------|----------------|------------|
| <input type="checkbox"/> | BTC-GBP | | | Bitcoin | Yahoo HD | £13,834.0000 | 02/01/2023 | 19,936.9300 | 44.1154 | 6,102.9300 | 22/02/2023++ | GBP | 2514391244 |
| Select All Lines | | | | | Save Selected Lines | Get Prices | Save Changes | Create Prices CSV | Help | Close | | | |

Securities Detail

Bitcoin

Shares: 0.01
Price: 19936.93 GBP
Current Value: 199.37
Cost Basis: 138.34
Cost/Share: 13,834.00
% Change: 44.11

Please don't repeatedly click GET PRICES as the Source may lockout.

If you wish to retrieve data since the last data stored in a Currency/Security History window tick “Retrieve Missed Prices” box on the “Parameters” tab. Active only when source is Yahoo HD. **Important** see [here](#).

Obtain\Save Cryptocurrency Investments with a Base Currency other than USD GBP CAD EUR

Run the Quote Loader under EXTENSIONS.

To get the best results possible a two stage process is required:

Prerequisites.

- Ensure "Display on same page as Securities" is selected in the "Parameters" tab.
- Ensure "Include Exchange Rates" box is ticked in the "Parameters" tab.
- Ensure "Retrieve Missed Prices" box is ticked in the "Parameters" tab.
- Ensure Exchange Rate source is Yahoo HD in "Securities/Exchange Rates" tab.

The process steps are as follows: -

- On the "Security/Exchange Rates" tab click "Get Exchange Rates" button. When process is complete click OK . **Please don't repeatedly click Get Exchange Rates as the source may lockout.**
- Click the "Select all lines" button or individual tick Select boxes to select the exchange rates to be saved.
- Click "Save selected lines" button, click OK.
- Click "Get Prices" button. When process is complete click OK. **Please don't repeatedly click Get Prices as the source may lockout.**
- Click the "Select all lines" button or individual tick Select boxes to select the lines to be saved.
- Click "Save selected lines" button.

Cryptocurrency Table with hyperlinks

| | | | | |
|------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Bitcoin | BTC-USD | BTC-GBP | BTC-CAD | BTC-EUR |
| Ethereum | ETH-USD | ETH-GBP | ETH-CAD | ETH-EUR |
| Ripple | XRP-USD | XRP-GBP | XRP-CAD | XRP-EUR |
| Bitcoin Cash BCC | BCH-USD | BCH-GBP | BCH-CAD | BCH-EUR |
| EOS | EOS-USD | EOS-GBP | EOS-CAD | EOS-EUR |
| Litecoin | LTC-USD | LTC-GBP | LTC-CAD | LTC-EUR |
| Tronix | TRX-USD | TRX-GBP | TRX-CAD | TRX-EUR |
| Cardano | ADA-USD | ADA-GBP | ADA-CAD | ADA-EUR |
| Stellar | XLM-USD | XLM-GBP | XLM-CAD | XLM-EUR |
| ImpulseVen | VEN-USD | | | |
| NEO | NEO-USD | NEO-GBP | NEO-CAD | NEO-EUR |
| Monero | XMR-USD | XMR-GBP | XMR-CAD | XMR-EUR |
| DigitalCash | DASH-USD | DASH-GBP | DASH-CAD | DASH-EUR |
| NEM | XEM-USD | XEM-GBP | XEM-CAD | XEM-EUR |
| BNB | BNB-USD | BNB-GBP | BNB-CAD | BNB-EUR |
| Tether | USDT-USD | USDT-GBP | USDT-CAD | USDT-EUR |
| Ethereum Classic | ETC-USD | ETC-GBP | ETC-CAD | ETC-EUR |
| ByteCoin | BCN-USD | BCN-GBP | BCN-CAD | BCN-EUR |
| 0x | ZRX-USD | ZRX-GBP | ZRX-CAD | ZRX-EUR |
| QTUM | QTUM-USD | QTUM-GBP | QTUM-CAD | QTUM-EUR |
| ICON | ICX-USD | ICX-GBP | ICX-CAD | ICX-EUR |
| Lisk | LSK-USD | LSK-GBP | LSK-CAD | LSK-EUR |
| Aeternity | AE-USD | AE-GBP | AE-CAD | AE-EUR |
| Bitcoin Gold | BTG-USD | BTG-GBP | BTG-CAD | BTG-EUR |

MARKET INDICES

A market index oversimplified is a calculation based on the value of securities traded on an exchange. For this reason, organisations like Yahoo and FT assign a currency to the index value.

Setting up Market Indices in Moneydance.

Adding a Investment called Market Indices.

Create new investment account – “Market Indices” in the normal way.

ACCOUNT – NEW ACCOUNT – INVESTMENT – NEXT and enter the “Account Name” as “Market Indices”. Tick the box “Inactive”. Click OK.

Creating a Market Index.

In this example the “Dow Jones Industrial Average” will be created.

1. Create new security, -
“.Dow Jones Industrial Average” in the normal way.
TOOLS – SECURITIES – “+”. Fill in the window thus.

Then OK. Close window.

2. TOOLS – SECURITIES – “.Dow Jones Industrial Average” Change currency to currency of the index-
See [here](#) for correct currency to use, close windows.

3. Add security to investment account in the normal way.
Side bar highlight “Market Indices. First Security click Yes, next time – ACTIONS - ADD SECURITY.
Fill in window thus.

Then OK

4. Click on another account in the sidebar then back to Market Indices. Buy the security in the normal way by
ACTIONS – NEW TRANSACTION and fill in transaction line thus.

| | | | | | | | |
|------------|-----|--|-------------------------------|--|---|------|-------|
| 25/05/2018 | Buy | | .Dow Jones Industrial Average | | 1 | 1.00 | -1.00 |
| | | | | | 1 | | |

5. Repeat steps 1 to 5 for each Market Index you wish to add.
6. Highlight the “Market Indices” account in the side bar and click ACCOUNT – EDIT and enter a initial balance equal to the number of Market Indices created.

Obtaining and Saving Market Indices.

Under extension run Quote Loader. Either the Securities/Exchange Rates tab or the Securities tab as selected in the Preference tab can be used. Do not select a Stock Exchange under “Exch Mod”. Select a source, Yahoo or FT to obtain the Market Index and click “Get Prices”. **Please don't repeatedly click Get Prices as the source may lockout.** Note: Source Yahoo HD, with “Retrieve Missed Prices” box ticked on the “Parameters” tab supports historical data on Market Indices other than those highlighted in yellow, see [here](#) & [here](#).

Select the quote to be saved and click “Save selected lines”.

| Quote Loader 3209 | | | | | | | | | | | | | |
|--|----------|------------|----------|-------------------------------|----------|---------------|------------|-------------|---------|-----------|--------------|----------------|-----------|
| Securities/Exchange Rates Parameters | | | | | | | | | | | | | |
| Securities | | | | | | | | | | | | | |
| Select | Ticker | Alt Ticker | Exch Mod | Name | Source | Last Price | Price Date | New Price | % chg | Amt chg | Trade Date | Trade Currency | Volume |
| <input type="checkbox"/> | FTSE:FSI | | | .FTSE 100 | FT | £7,789.5300 | 01/02/2023 | 7,914.6500 | 1.6063 | 125.1200 | 22/02/2023 | GBP | 252880000 |
| <input type="checkbox"/> | *DJI | | | .Dow Jones Industrial Average | Yahoo HD | \$33,978.0800 | 27/01/2023 | 33,129.5900 | -2.4972 | -848.4900 | 21/02/2023++ | USD | 348320000 |
| Select All Lines Save Selected Lines Get Exchange Rates Get Prices Save Changes Create Prices CSV Help Close | | | | | | | | | | | | | |

Moneydance Summary Page

Provided that under FILE – PREFERENCES – SUMMARY PAGE “Stock Prices” have been selected to be display then the Market Indices will appear at the top of the “Stock Price” list.

Stock Prices

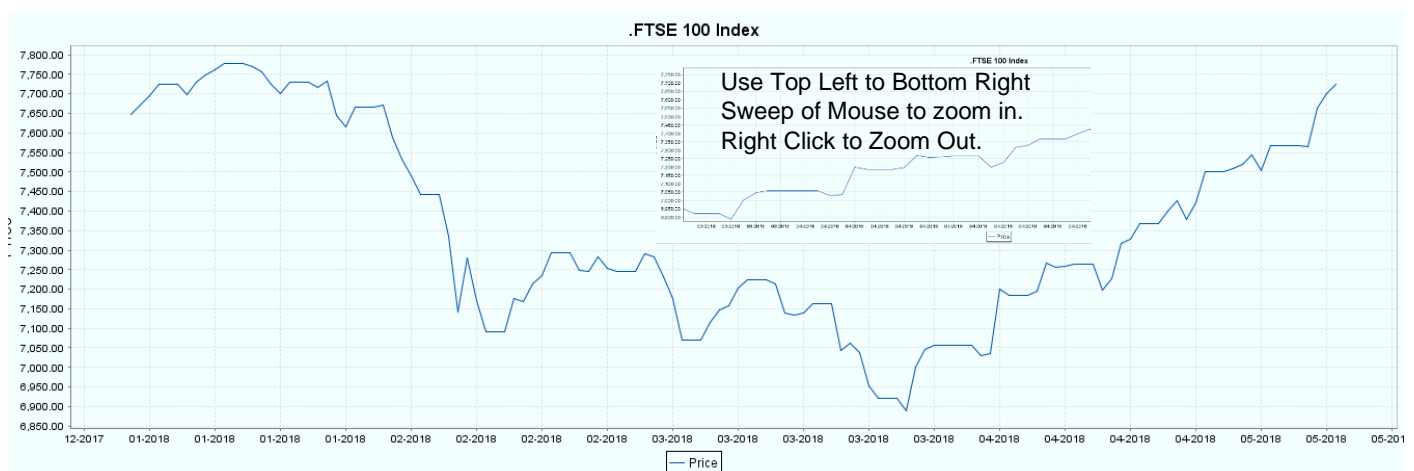
| | |
|-------------------------------|---------------|
| .Dow Jones Industrial Average | USD: 34053.94 |
| .FTSE 100 | 7828.85 |
| .German Se Xetra Dax Index | EUR: 15370.99 |
| .S&PAust Index Asx 200 Index | AUD: 7558.1 |

Market Index Graph

The Graphs “Currency History” can be used to show Market Index changes over time.



The Graph from Side Bar- Investment – Market Indices – Securities Details – FTSE 100 Index



Market Index Symbol Table with hyperlinks.

| FT SYMBOL | FT DESCRIPTION | YAHOO SYMBOL | YAHOO DESCRIPTION | CURRENCY |
|--------------------------|------------------------------|---------------------------|------------------------------|----------|
| N100:PAR | Euronext 100 Idx | ^N100 | Euronext 100 | EUR |
| INX:IOM | S&P 500 Index | ^GSPC | S&P 500 | USD |
| SHI:SHH | Shanghai Se Composite Index | 000001.SS | Sse Composite Index | CNY |
| FTAL:FSI | Ftse All Share Index | ^FTAS | Uk Ftse All Share | GBP |
| FTSA:FSI | Ftse 350 Act Index | ^FTLC | Ftse 350 | GBP |
| CAC:PAR | Cac 40 Index | ^FCHI | Cac 40 | EUR |
| XJO:ASX | S&P Aust Index Asx 200 Index | ^AXJO | S&P/Asx 200 | AUD |
| PAX:PAR | Cac All Share Index | PAX.PA | Cac All Shares | EUR |
| COMP:NAS | Nasdaq Nms Composite Index | ^IXIC | Nasdaq Composite | USD |
| FTSE:FSI | Ftse 100 Index | ^FTSE | Ftse 100 | GBP |
| DAXX:GER | German Se Xetra Dax Index | ^GDAXI | Dax Performance-Index | EUR |
| TSEA:TOR | S&P/Tsx Comps Index | ^GSPTSE | S&P/TSX Composite Index | CAD |
| FTSM:FSI | Ftse 250 Mid Index | ^FTMC | Ftse 250 | GBP |
| n225:NIK | Nikkei 225 Tokyo | ^N225 | Nikkei 225 | JPY |
| DJI:DJI | Dow Jones Industrial Average | ^DJI | Dow Jones Industrial Average | USD |
| HSI:HKG | Hang Seng | ^HSI | Hang Seng Index | HKD |
| IPC:MEX | Se Ipc Index | ^MXXX | Ipc Mexico | MXN |

Indices highlighted in yellow are not supported by Yahoo HD.

The above table represents a cross section of market indices across the world.

Reference the following two web sites to obtain further Market Indices.

Yahoo <https://uk.finance.yahoo.com/world-indices>

FT <https://markets.ft.com/data/world>

Market Futures

Moneydance can handle Market Futures in the same way as it handles securities to return current and historical prices.

Simply set up a Market Future as you would any other Security using the Ticker symbols from the link below and select the source a Yahoo or Yahoo HD for historical data.

Link to current [Market Futures Ticker Symbols](#).

For example, the Ticker Symbol for Gold is GC=F

| Quote Loader 3209 | | | | | | | | | | | | | |
|--|--------|------------|----------|-----------------|----------|--------------|------------|------------|---------|-----------|--------------|----------------|--------|
| Securities/Exchange Rates Parameters | | | | | | | | | | | | | |
| Securities | | | | | | | | | | | | | |
| Select | Ticker | Alt Ticker | Exch Mod | Name | Source | Last Price | Price Date | New Price | % chg | Amt chg | Trade Date | Trade Currency | Volume |
| <input type="checkbox"/> | GC=F | | | Gold Apr 23 | Yahoo HD | \$1,927.1000 | 03/02/2023 | 1,849.4000 | -4.0326 | -77.7000 | 22/02/2023++ | USD | 54098 |
| <input type="checkbox"/> | HG=F | | | Copper Mar 23 | Yahoo HD | \$4.1090 | 03/02/2023 | 4.1895 | 1.9591 | 0.0805 | 22/02/2023++ | USD | 26289 |
| <input type="checkbox"/> | PA=F | | | Platinum Mar 23 | Yahoo HD | \$1,665.0000 | 03/02/2023 | 1,515.0000 | -9.0090 | -150.0000 | 22/02/2023++ | USD | 1000 |
| <input type="checkbox"/> | SI=F | | | Silver Mar 23 | Yahoo HD | \$23.4500 | 03/02/2023 | 21.9050 | -6.5885 | -1.5450 | 22/02/2023++ | USD | 0 |
| <input type="button" value="Select All Lines"/> <input type="button" value="Save Selected Lines"/> <input type="button" value="Get Exchange Rates"/> <input type="button" value="Get Prices"/> <input type="button" value="Save Changes"/> <input type="button" value="Create Prices CSV"/> <input type="button" value="Help"/> <input type="button" value="Close"/> | | | | | | | | | | | | | |

Retrieving historical data

The purpose of this feature is to retrieve data going back to the last date entry in a Currency/Security History window. For example, if you last ran Quote Loader on 27th May and you are now running on 2nd June Quote Loader will load the prices for 28th May, 29th May, 30th May, 31st May, 1st June & 2nd June, if they are available. It will not fill in any gaps before 27th May. Does not overwrite your existing history. The source Yahoo HD (Historical Data) can retrieve data related to Cryptocurrency Exchange Rates, Cryptocurrency Investments, Market Futures and Market Indices, other than those highlighted in yellow, see [here](#), going back as selected on the "Parameters" tab, if available. "++" after the Trade Date denotes history has been retrieved.

HAVE FUN

Derek Kent