Quote Loader Extension Version 2 by Mike Bray

For Moneydance 2022-2024

PDF V11.10   <u>Use at your own risk</u>

Quote Loader version 2 has been tested on Moneydance 2022 to 2024.

The Quote Loader system has been developed by Mike Bray and signed by Infinite Kind (Moneydance) as a safe extension.

OVERVIEW

Impatient to start, skip to page 2 or see Quick Start Guide video <u>here.</u>

The Quote Loader provides an end-to-end solution, obtaining quotes from a choice of sources and entering them into the relevant Moneydance Currency/Security History window, all from within Moneydance. The system can obtain Security prices, Exchange Rates, Market indices, Cryptocurrency Rates, prices for Cryptocurrency Investments and Market Futures. Securities traded in a foreign currency are converted into Moneydance's Base Currency. It provides quotes for stocks and funds, from many stock exchanges US, Canada, UK, Europe and Australia to name but a few. The process of obtaining quotes from the selected source is fast and error free.

The system has the following advantages.

 ➢ You can see for each security, its Name and Ticker symbol.
 ➢ You can see for each security Last Price & Price Date held in the Currency/Security History window.
 ➢ You can Select for each security the Source to obtain a quote from.
 ➢ You can retrieve Security Prices or Exchange Rates in separate tabs or both in a single tab.
 ➢ You can determine if you want to get quotes for Securities you no longer hold.
 ➢ You can see each quote being returned with its New Price, Trade Date and Trade Currency.
 ➢ You can see the change and percentage change for each security since Last Price obtained.
 ➢ You can do a reality check, last quote, before saving the data to Moneydance.
 ➢ You can add a New Price and Trade Date to any security that is not found.
 ➢ You can select the securities to be saved to Moneydance, all or selected prices.
 ➢ You can test a symbol to check that a price can be returned.
 ➢ You can setup Automatic Running based on Daily, Weekly Quarterly, Monthly, Yearly intervals & time.
 ➢ You can retrieve history data going back to the last date in a Currency/Security History window.

There is no guarantee that the Quote Loader system will continue to operate. Factors outside the developer's control may change and the system will be unable to return quotes. <u>Please do not use the data obtained from the Quote Loader for commercial gain.</u>

Users should be aware of these warnings and only use the free Quote Loader system based on the acceptance of these conditions.

For how to set up Market Indices, Futures and/or cryptocurrencies in Moneydance see separate PDF.

Example screen of the Quote Loader interface

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YouTube Tutorial Videos can be found at:
Short Video here
Full Video here

READ THE ENTIRE PDF

BEFORE ATTEMPTING TO USE THE QUOTE LOADER.

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.

QUOTE LOADER

Quote Loader is a third-party extension that has been reviewed and signed by Infinite Kind (Moneydance).

As a signed extension Quote Loader can be found under EXTENSIONS – MANAGE EXTENSIONS

Simply click EXTENSIONS – MANAGE EXTENSIONS find Quote loader and click INSTALL.

Once installed re-start Moneydance - installation complete.

Uninstall the Quotes and Exchange Rates Updater extension to Prevent Conflicts!!

Before running Quote Loader always make a FILE – EXPORT BACKUP in case thing to not turn out as expected.

INITIAL SETUP

Start the extension by selecting "Quote Loader" under EXTENSIONS and click the PARAMETERS Tab.
Note:
1. The settings shown are different than those that appear in a newly created Data Set to illistrate all the features.
2. When a selection make another selection invalid the other selection will not appear.
3. Hover the mouse over a button or most tick boxes to display help tips.

Automatic Running see here.

Securities: (for a full picture as to whether a Security will appear in Quote Loader, see true table page 20)

NOTE: For a Security to be listed in the Stock Prices list it must be selected in Moneydance to "Show on summary page" under TOOLS – SECURITIES select Security - EDIT. The Stock Prices list can be made visible by inclusion on the Summary Page under FILES – PREFERENCES – tab SUMMARY PAGE.

NOTE: If a Security is set to Inactive under TOOLS – ACCOUNTS in every account it appears in and not listed in the Stock Prices section on the Summary Page it will not be listed in Quote Loader. Otherwise if a Security is in an account that is active the setting of the global "Include Securities with no holding?" box (1) will come into play.

1. If "Include Securities with no holding?" box is ticked then:
    a. If a security is assigned to an investment account, but has no Holdings, then it will appear whether or not it is listed in the Stock Prices section on the Summary Page.
    b. If a security is not assigned to an investment account, then it will only appear if it is listed in the Stock Prices section on the Summary Page.
    If "Include Securities with no holding?" box is not ticked then Securities with no holdings will not appear.
2. If "Save Volumes Data if available" box is ticked and if trade volume data is available it will be retrieved and saved. When the box is not ticked but volume data is available it will only be displayed.
3. If the "Update Moneydance Current Price" box is ticked then the Current Price hidden date in the Moneydance Currency/Security history window is updated when a new price is obtained, see here.
4. If "Retrieve Missed Prices" box is ticked, then provided the Source selected is Yahoo HD or FT HD, then when available historical data will be retrieved. This is covered in the section Retrieve Historical data see here.

5. When "Retrieve Missed Prices" box is ticked the dropdown "Amount of Yahoo HD History to collect" determines the maximum amount of historical data that is collected from Yahoo HD, see here. FT historical data is fixed at about 28 days.

Exchange Rates:

6. If you wish to update Exchange Rates tick "Include Exchange Rates" box. For a currency to be listed under "Ticker" symbols it must be selected in Moneydance to "Show on summary page" under TOOLS – CURRENCIES select currency - EDIT. With the "Include Exchange Rates" box unticked the next options set out in 7 and 8 are not visible/available, resulting in just two tabs. Security tab and Parameters tab. With the "Include Exchange Rates" box ticked the Display of Exchange Rates can be set too, "Display on same page as Securities" or "Display on separate tab" The user can thus determine which of the option works best for them.

7. Display on same page results in the tab, Security/Exchange Rates, where Securities and Exchange Rates are displayed on the same tab, see here. Two tabs, Securities/Exchange Rates tab and Parameters Tab.

8. Display on separate tab results in three separate tabs, one for Securities alone, another for Exchange Rates, see here and a third for Parameters.

9. CSV Outputs provides a means of producing a CSV file of Security and/or Exchange Rate data. See here.

General Settings:

10. Decimal Digits. Most Securities and Exchange Rates are quoted in no more than 4 decimal places, but cryptocurrencies require up to 8. Use the "Decimal Digit" dropdown to select the number of decimal places returned.

11. Console Messages. To help the diagnosis of issues the level of detail to be displayed in the console log, Moneydance HELP – CONSOLE WINDOW and in the Moneydance errlog.txt file can be set. OFF - INFO - SUMMARY - DETAILED.

12. "Save Parameters" button save any changes made other than those made in the Automatic Running section.

13. "Cancel Changes" button provided it is clicked before the "Saved Parameters" button will reverse any setting changes made in all but the Automatic Running section.

14. "Help" button takes you to the developer site where more information can be obtained. Help button appears on all tabs.

15. "Close" button closes Quote Loader. Close button appears on all tabs. If you close without clicking "Saved Parameters" you get a message with the option save YES/NO.

TAB OPTIONS

Securities/Exchange Rates Tab.

Parameters Options "Include Exchange Rates" and "Display on same page as Securities" give a single Tab for both Securities and Exchange Rates.

Securities Tab

Parameters Options "Include Exchange Rates" not ticked (Exchange Rates tab not visible) or "Include Exchange Rates" and "Display on separate tab" ticked results in separate Securities and Exchange Rate tabs.
Securities

Quote Loader 321402 — Securities | Exchange Rates | Parameters

Select	Ticker	Alt Ticker	Exch Mod	Name	Source->>	Last Price	Price Date	New Price	% chg	Amt chg	Trade Date	Trade Currency	Volume
☐	AAPL			Apple Inc	FT	$152.5500	17/02/2023	152.5500			17/02/2023	USD	59140000
☐	AIR			Airbus SE	FT	€54.6090	17/02/2023	58.0509	6.3028	3.4419	17/02/2023	USD(58.0509)	263940
☐	GB0033772517			Dimensional Emerging Markets Core Equity Fund GBP Income	FT	£40.1200	17/02/2023	40.1200			17/02/2023	GBP	0
☐	GB00B58YKH53			iShares ESG Overseas Corporate Bond Index Fund (UK) D Acc	FT	£1.6041	17/02/2023	1.6041			17/02/2023	GBX(1.6041)	0
☐	IE00B0V9T862			PIMCO Funds: Global High Yield Bond Fund Institutional GBP Hedged Inc	FT	£5.0300	17/02/2023	5.0300			17/02/2023	GBP	0
☐	IE00B1W56S93			BlackRock iShares Pacific Index Fd Inst Acc USD	FT	£17.8637	16/02/2023	17.0847	-4.3602	-0.7789	16/02/2023	USD(17.0847)	0
☐	LIT			Global X Lithium & Battery Tech ETF	FT	£0.6650	17/02/2023	0.6650			17/02/2023	GBX(0.6650)	358780
☐	LLOY			Lloyds Banking Group plc	FT	£0.5091	17/02/2023	0.5091			17/02/2023	GBX(0.5091)	325430000
☐	LU0641006290			Global Sovereign Bonds Sterling hedged	FT	£23.5525	17/02/2023	23.5525			17/02/2023	GBX(23.5525)	4380
☐	RY			Royal Bank of Canada	FT	£91.5018	17/02/2023	223.8960	144.6902	132.3942	17/02/2023	CAD(223.8960)	5140000
☐	USB-PP			U.S. Bancorp Depositary Shares	Yahoo	$21.1984	18/02/2023	29.2310	37.8919	8.0325	18/02/2023	USD(29.2310)	0
☐	VHGEX			Vanguard Global Equity Fund Investor Shares	FT	$29.4200	17/02/2023	29.4200			17/02/2023	USD	0
☐	VOW3			Volkswagen AG	FT	€131.2200	17/02/2023	131.2200			17/02/2023	EUR	1050000
☐	VTHRX			Vanguard Target Retirement 2030 fund	FT	£28.5888	17/02/2023	39.4217	37.8921	10.8329	17/02/2023	USD(39.4217)	0

Select All Lines | Save Selected Lines | Get Prices | Save Changes | Create Prices CSV | Help | Close

Exchange Rates tab

Parameters Options "Include Exchange Rates" and "Display on separate tab" ticked, an Exchange Rates Tabs appears.

Quote Loader 321402 — Securities | Exchange Rates | Parameters

Select	Ticker	Name	Source->>	Last Price	Price Date	New Price	% chg	Amt chg	Trade Date
☐	CAD	Canadian Dollar	Yahoo HD	£0.6199	17/02/2023	0.6199			17/02/2023
☐	EUR	Euro	Yahoo HD	£0.8908	17/02/2023	0.8908			17/02/2023
☐	USD	US Dollar	Yahoo HD	£0.8351	17/02/2023	0.8351			17/02/2023

Select All Lines | Save Selected Lines | Get Exchange Rates | Save Changes | Create Prices CSV | Help | Close

Table Sort Order

You can change the sort order of a table by clicking on the column headings, other than Select. Once sorted an arrow appear to indicate the last sort type. On closing/reopening Quote Loader or Moneydance the sort order is remembered.
By Ticker. Ascending sort order by Ticker.

Quote Loader 321402 — Securities | Exchange Rates | Parameters

Select	Ticker	Alt Ticker	Exch Mod	Name	Source->>	Last Price	Price Date	New Price	% chg	Amt chg	Trade Date	Trade Currency	Volume
☐	AAPL			Apple Inc	FT	$146.7100	24/02/2023	144.4300	-1.5541	-2.2800	02/03/2023	USD	19980000
☐	AIR	Paris		Airbus SE	FT	€124.1800	27/02/2023	122.9000	-1.0308	-1.2800	02/03/2023	EUR	874220
☐	GB0033772517			Dimensional Emerging Markets Core Equity Fund GBP Income	FT	£39.4300	24/02/2023	39.6700	0.6087	0.2400	02/03/2023	GBP	0
	IE00B0V9T862			PIMCO Global High Yield Bond Fd Institutional Hedged Inc	Do not load	£5.1000	09/02/2023	0.0					
☐	IE00B1W56S93			iShares Pacific Index Fd Inst Acc USD	FT	£16.6778	23/02/2023	16.6100	-0.4065	-0.0675	01/03/2023	USD(20.0200)	0
☐	IE00BG36TC12			Xtrackers MSCI Japan ESG UCITS ETF 1C	FT	£14.7098	24/02/2023	14.8672	1.0700	0.1574	02/03/2023	USD(17.7500)	29020
☐	LIT			Global X Lithium & Battery Tech ETF	FT	£0.7120	27/02/2023	0.7000	-1.6854	-0.0120	02/03/2023	GBX(70.0000)	48480
☐	LLOY	LSE		Lloyds Banking Group plc	Yahoo	£0.5204	27/02/2023	0.5134	-1.3451	-0.0070	02/03/2023	GBp(51.3400)	0
☐	RY			Royal Bank of Canada	FT	£84.3237	24/02/2023	83.0955	-1.4566	-1.2282	02/03/2023	CAD(135.0800)	1450000
☐	VHGEX			Vanguard Global Equity Fund Investor Shares	FT	£28.3100	24/02/2023	28.5900	0.9890	0.2800	01/03/2023	USD	0
☐	VOW3	XETRA		Volkswagen AG	FT	€128.9600	27/02/2023	128.6200	-0.2636	-0.3400	02/03/2023	EUR	921370
☐	VTHRX			Vanguard Target Retirement 2030 fund	FT	£26.8086	27/02/2023	26.7568	-0.1932	-0.0518	01/03/2023	USD(32.2500)	0

Select All Lines | Save Selected Lines | Get Prices | Save Changes | Create Prices CSV | Help | Close

By Name. Descending sort order by Name.

Quote Loader 321402 — 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
☐	IE00BG36TC12			Xtrackers MSCI Japan ESG UCITS ETF 1C	FT	£14.7098	24/02/2023	14.8672	1.0700	0.1574	02/03/2023	USD(17.7500)	29020
☐	VOW3	XETRA		Volkswagen AG	FT	€128.9600	27/02/2023	128.6200	-0.2636	-0.3400	02/03/2023	EUR	921370
☐	VTHRX			Vanguard Target Retirement 2030 fund	FT	£26.8086	27/02/2023	26.7568	-0.1932	-0.0518	01/03/2023	USD(32.2500)	0
☐	VHGEX			Vanguard Global Equity Fund Investor Shares	FT	£28.3100	24/02/2023	28.5900	0.9890	0.2800	01/03/2023	USD	0
☐	RY			Royal Bank of Canada	FT	£84.3237	24/02/2023	83.0955	-1.4565	-1.2282	02/03/2023	CAD(135.0800)	1450000
	IE00B0V9T862			PIMCO Global High Yield Bond Fd Institutional Hedged Inc	Do not load	£5.1000	09/02/2023	0.0					
☐	LLOY	LSE		Lloyds Banking Group plc	Yahoo	£0.5204	27/02/2023	0.5134	-1.3451	-0.0077	02/03/2023	GBp(51.3400)	0
☐	IE00B1W56S93			iShares Pacific Index Fd Inst Acc USD	FT	£16.6778	23/02/2023	16.6100	-0.4065	-0.0675	01/03/2023	USD(20.0200)	0
☐	LIT			Global X Lithium & Battery Tech ETF	FT	£0.7120	27/02/2023	0.7000	-1.6854	-0.0120	02/03/2023	GBX(70.0000)	48480
☐	GB0033772517			Dimensional Emerging Markets Core Equity Fund GBP Income	FT	£39.4300	24/02/2023	39.6700	0.6087	0.2400	02/03/2023	GBP	0
☐	AAPL			Apple Inc	FT	$146.7100	24/02/2023	144.4300	-1.5541	-2.2800	02/03/2023	USD	19980000
☐	AIR	Paris		Airbus SE	FT	€124.1800	27/02/2023	122.9000	-1.0308	-1.2800	02/03/2023	EUR	874220

Exchange Rates

Select	Ticker	Name	Source->>	Last Price	Price Date	New Price	% chg	Amt chg	Trade Date
☐	USD	US Dollar	Yahoo HD	1.1939	02/03/2023	1.1935	-0.0335	-0.0004	02/03/2023
☐	EUR	Euro	Yahoo HD	1.1270	02/03/2023	1.1270			02/03/2023
☐	CAD	Canadian Dollar	Yahoo HD	1.6256	02/03/2023	1.6255	-0.0062	-0.0001	02/03/2023

Select All Lines | Save Selected Lines | Get Exchange Rates | Get Prices | Save Changes | Create Prices CSV | Help | Close

Table and column width resizing.

You can change the size of the windows or change the column width by dragging its edge using the mouse and left button. Mac users should ensure in System Preferences/General Show Scroll Bars is set to 'Always'.

INITIAL SET UP FOR SECURITIES - EXCHANGE RATES.

The following relates to the single Securities/Exchange Rates tab resulting from selecting the Parameters options "Include Exchange Rates" and "Display on same page as Securities". The process is almost the same when using separate Security and Exchange Rates tabs.

1. In the "Source" column for Securities change the default "Do not load" as required by selecting a quote source.
   Right click (ctrl-click for Mac) on Source ->> heading to open a Drop Down. ➡ Source->>
   Select the most used Source. You can also hide, "Exclude Do not load" lines.
   On close/reopen Quote Loader "Do not Load" lines are unhidden.

   Note: For stocks Yahoo HD also fills in Security Price History window with High/Low Prices. Other sources just provide Prices.

   Then to change an individual source. Click in a source box and use a dropdown to make a selection. ➡
   If you not sure what source to select see here.

2. In the "Exch Mod" column, if required, change the default, Blank-Do not use an exchange, selection.
   Double click in an Exch Mod box to open a popup. ➡
   Select the Exchange where the Security is traded and click OK.

   To select the same exchange for all other securities see here.
   If you not sure what Exchange to select see here.

3. At the bottom of the window is a button "Save Changes" click this button so next time you open the extension all selection in this window will be remembered. If you close without clicking "Save Changes" you get a message with the option save YES/NO.

OBTAINING QUOTE FOR SECURITIES - EXCHANGE RATES.

Make a FILE – EXPORT BACKUP in case things do not turn out as expected.

The following relates to the single Securities/Exchange Rates tab resulting from selecting the Parameters options "Include Exchange Rates" and "Display on same page as Securities". The process is almost the same when using separate Security and Exchange Rates tabs.

If not already running start the extension by selecting "Quote Loader" under EXTENSIONS.

Procedure to Get Exchange Rates and Get Prices

1. Click "Get Exchange Rates" button to retrieve Exchange Rates only or "Get Prices" button for both, as required and when progress bar reaches 100% click OK.
2. If a line is returned in Red or original colour, with a zero price, see here.
3. Click the "Select all lines" button or individual tick boxes to Select the lines to be saved.
4. Click the "Save Selected Lines" button, then click OK button OR click "Close" to cancel Save.
5. Click "Close" button to close the Quote Loader.

You can change the sort order of a table by clicking on the column headings. See here.
You can open a Moneydance Currency/Security History window by double clicking in a main "Ticker" field at any time, before/after New Data is Saved. You can edit data in this window which will take immediate effect in Moneydance as well as updating the Last Price in Quote Loader.

Export Data.

If you so require you can export the data obtained to a CSV file. The Parameters tab "CSV Output" section allows you to "Export on Save", "Export on Auto Run" and "Change Export Folder" for the exported CSV file.

Or you can use the "Create Prices CSV" button on the other tabs once you have chosen a folder and made a selection of the lines to be saved.
Note: "Create Prices CSV" button does not save data to Moneydance.

File name format is priceexportyyyymmddhhmmss.csv

File Format

Note: The decimal separator used in the CSV file is always a "." period.

Trade Dates

The source Yahoo does not provide a Trade Date so Quote Loader assumes it is today's date which may not always be the case. Dates provided by FT, FT HD and Yahoo HD are more accurate. However, due to the way different sources provide Trade Date information and dependant on your time zone relative to the Market time zone there may be a day's difference in the Trade Date for the same Security from different sources.

How Quote Loader handles Securities traded in a foreign, non-Moneydance base currency.

If you do not have Securities traded in foreign currencies you may want to skip this section to here.
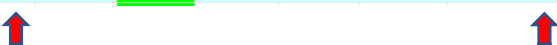
For simplicity the Parameters Tab option "Display on same page as Securities" should be selected to give a single tab for both Securities and Exchange Rates.

A. If Moneydance Base Currency is different from one or more securities/quote source currencies.

Example: Base Currency GBP. The security Volkswagen in TOOLS–SECURITIES–Volkswagen set to Euro.

Quote for Volkswagen obtained from the source are in Euro's, Trade Currency.

Select	Ticker	Alt Ticker	Exch Mod	Name	Source	Last Price	Price Date	New Price	% chg	Amt chg	Trade Date	Trade Currency	Volume
☐	VOW3		XETRA	Volkswagen AG	Yahoo HD	€132.4800	20/02/2023	132.4800			20/02/2023	EUR	183004

B. If one or more quotes are not in the currency of the security set in Moneydance.

Example The security iShares... In TOOLS–SECURITIES–iShares.. set to GBP. Quote for iShares. obtained from the source are in USD. Base Currency is GBP.

Select	Ticker	Alt Ticker	Exch Mod	Name	Source	Last Price	Price Date	New Price	% chg	Amt chg	Trade Date	Trade Currency	Volume
☐	IE00B1W56S93	0P0000N5G8		iShares Pacific Index Fd Inst Acc USD	Yahoo	£17.1111	20/02/2023	17.1111			20/02/2023	USD(20.5710)	0

Note: Currency difference £ symbol in Last Price column and Source value in USD in Trade Currency Column.

In scenario A Moneydance handles the currency conversion from the Moneydance Currency/Security history window where currency conversion is required for other areas of Moneydance.

In scenario B. Quote Loader handles the currency conversion, "Trade Currency" to "New Price" fields, saving the converted price to the Moneydance Currency/Security history window.

To accomplish the conversion Quote Loader will use the same Exchange Rate date as the "Trade Date" of the Security. If an Exchange Rate is not available with the same Date as the Security "Trade Date" then the next oldest Exchange Rate is used. For best results the Exchange Rate Source should be set to Yahoo HD with under the Parameters Tab "Retrieve Missed Prices" box ticked to ensure a full Exchange Rate history is available.

Fist example. "Get Prices" a Security quoted in a foreign currency is returned that is 3 days old. Quote Loader run on the 10th, "Trade Date" of security the 7th. Quote Loader uses the exchange rate of the 7th, not the latest Exchange Rate to do the currency conversion to achieve best conversion accuracy.

Second example. Get Prices, a Security quoted in a foreign currency is returned that has a "Trade Date" of today's date. This means Quote Loader needs to have available to it an Exchange Rate matching the Security "Trade Date", today's date, for the conversion from Trade Currency to New Price to be as accurate as it can be.

Third example. Last "Get Prices" run was on the 7th. The next run is on the 10th. Using a HD source for securities and Yahoo HD source for Exchange Rates that retrieves history, 3 days' worth of security Prices and Exchange Rates would be retrieved on the 10th to fill in the gap in data since the last run on the 7th.
Price dated the 8th uses Exchange Rate dated the 8th.
Price dated the 9th uses Exchange Rate dated the 9th.
Price dated the 10th uses Exchange Rate dated the 10th.

For the correct prices to be entered into Moneydance the process is in two stages.

1. First stage.
   Obtain and save the Exchange Rates.
   In these example EUR and USD. In case A the exchange rate is used to convert the price in the Moneydance Currency/Security History window to the Base Currency used in other areas of Moneydance. In case B the Exchange Rate is used in the second stage to convert the "Trade Currency" price into the Base Currency before entering the value into the "New Price" field. In the iShares... example the "New Price" will be converted from USD to GBP using the USD Exchange Rate of the same day.
2. Second stage.
   Retrieve and save Security Prices.

Two stage process:

Prerequisites. One time set up.
   a.   Ensure "Include Exchange Rates" box is ticked in the Parameters tab.
   b.   Ensure "Display on same page as Securities" is selected in the Parameters tab.
   c.   Ensure "Retrieve missed prices" box is ticked in the Parameters tab.
   d.   Ensure Exchange Rate source is Yahoo HD in Securities/Exchange Rates tab.

   The process steps are as follows: -
   a.   On the "Security/Exchange Rates" tab click "Get Exchange Rates" button. When process is complete click OK.
   b.   Click the "Select all lines" button or individual tick Select boxes to select the exchange rates to be saved.
   c.   Click "Save selected Lines" button, click OK.
   d.   Click "Get Prices" button. When process is complete click OK.
   e.   If a security is returned in Red or original colour, with a zero price, see here.
   f.   Click the "Select all lines" button or individual tick Select boxes to select the lines to be saved.
   g.   Click "Save Selected lines" button.

FINDING AND USING THE CORRECT SECURITY TICKER SYMBOL.

The first step is to determine which source you intend to use to obtain a quote for each security.
It is possible one source will cover all your needs. Or it could be you need to use a mix of sources to find quotes for all your securities. Yahoo and FT provide current prices. During trading these sources provide a delayed current price, after trading a closing price. Yahoo/FT HD can provide historical data, see here.
Ticker symbols are unique within an exchange, but are not unique across all exchanges. For example, GE is a valid Ticker Symbol for all sources and all will return the same price, the price for General Electric in the US. However, GE is also the Ticker Symbol for Gefran SpA. and is traded on the Milan exchange and requires an exchange code. For FT GE.MIL for Yahoo GE:MI. General Electric is traded on a number of stock exchanges other than the US, Australia, Chile and Switzerland, each trading in a local currency. So, in such cases you must check that the "Trade Currency" and "New Price" returned matches your expectations and if necessary, add an exchange code or select an exchange (Exch Mod) that results in the required outcome.
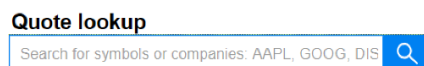
The Ticker symbol and stock exchange separator is "." for Yahoo and ":" for FT. FT also supports some Yahoo "." exchange codes.

Example. Apple Inc does not require an exchange code, just use "AAPL" for Yahoo and FT. AirBus requires a ".PA" (AIR.PA) when the source is Yahoo, but a ":PAR" for FT (AIR:PAR). FT also supports (AIR.PA).

To help you determine the correct Ticker symbol and if required exchange code use

https://markets.ft.com/data/equities   https://uk.finance.yahoo.com/lookup

Quote lookup

For FT and Yahoo, you can enter the security name or the Ticker symbol itself, start with the Ticker symbol alone if known, to determine if it is recognised and if it requires an exchange code. See here for a list of exchange codes that may help. Equities/stocks tend to user the same ticker across all sources. For funds Yahoo and FT use a different ticker type.

Also see Alternative Tickers here.

There are two ways the handle exchange codes.

1. When a source requires that the Ticker symbols has an exchange code enter then both under Moneydance TOOLS – SECURITIES. Example, if you have decided to use FT enter AIR:PAR or for Yahoo AIR.PA Then set Exch Mod box to Blank - Do not use an exchange. This method can be used if you intend to have holdings that use same Ticker on different exchanges a) for the same stock in different currencies b) same Ticker used for stock in a different company.

2. For a more flexible approach is to only include the Ticker symbol under TOOLS – SECURITIES and use the Exch Mod column to add the exchange code automatically to the Ticker symbol. This way when you change sources the exchange code is changed automatically. There is no need to change the Ticker symbol under TOOLS – SECURITIES.

Double clicking in a Exch Mod box opens an exchange selection menu. Click OK once a selection is made.

Highlight an existing Exch Mod, right click (ctrl-click for Mac) opens a menu. One of the selections is "Set all exchanges to". In the example this is Paris. Clicking on this sets all securities to have the Exch Mod of Paris. You can then set any individual securities Exch Mod box to the required exchange by double clicking it. To Test or Copy the Ticker symbol plus exchange code, if any, highlight, right click (ctrl-click for Mac) on an Exch Mod box and then select as required.
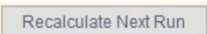
If an Alternative Ticker is set then the Copy and Test feature uses the Ticker symbol from the "Alt Ticker" field, see here.
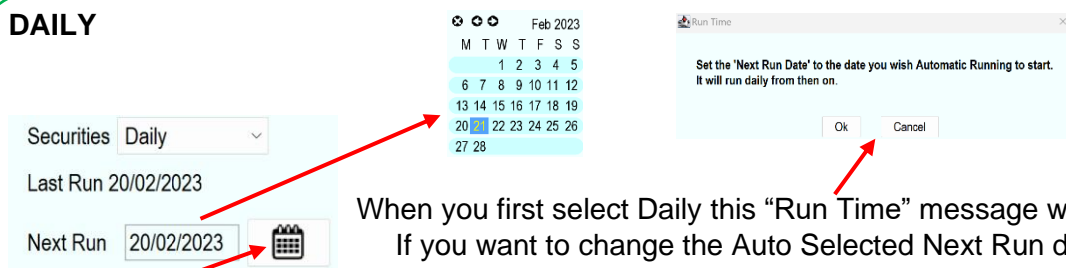
AUTOMATIC RUNNING

This feature will update your Exchange Rates and Securities in the background without the need to open the Quote Loader extension. You can set the frequency of updates independently for Exchange Rates and Securities. Updates can be set to Daily, Weekly, Monthly, Quarterly or Yearly. The feature Retrieve Missed Prices can also be activated, see here. You can use the associated calendar to set first day/date as appropriate. You can set Automatic Running to run at a specified time or just at Moneydance start-up. Automatic Running will occur at the due time whilst Moneydance is open. On Automatic Running you will notice the update occurring in the background by quotes appearing in the status line at the bottom of the Moneydance window. If on opening Moneydance it is detected you have missed a due date/time the update will start. The Next Run date will increment after each update. The parameters used for the updates are those you saved when clicking the "Save Parameters" button on the Parameters tab and "Save Changes" on the other tabs. Before using this feature make sure you are happy with the quotes you are getting when using the "Get Exchange Rates" or "Get Prices" buttons, you want get to check the prices that will be saved in automatic operation. If there is an error obtaining quote a message appears and the offending Price Date turns red with an asterisk. Open Quote Loader to check. Exchange Rate are retrieved and saved before Security prices. This ensures that any Securities traded in a foreign currency, but set up in Moneydance in the base currency are converted using Security price and exchange rate of the same date. To ensure this can happen it is recommended that Exchange Rates source is set to Yahoo HD and "Retrieve missed prices" is ticked on the Parameters tab.

Once you have completed the setup below click the [Recalculate Next Run] button so that Quote Loader recalculates Automatic Run data. Then close Quote Loader, but leave Moneydance and your computer running or make sure Moneydance is running at the set update time.
The following examples are for Securities but the same process applies to Exchange Rates.

RUN TYPE DROPDOWN

DAILY

When you first select Daily this "Run Time" message will appear.
If you want to change the Auto Selected Next Run date, click Next Run field to open a calinda.

Re-open Run Time window

WEEKLY

Re-open Run Time window

When you first select Weekly this "Run Time" message will appear.

Make a selection and Click OK. If you want to change the Auto Selected Next Run date, click Next Run field to open a calinda. Select the first run date. After the first run the date will increment to matched the day of the week selected.

MONTHLY

Re-open Run Time window

When you first select Monthly this "Run Time" message will appear.
Tick First Monday, Last Friday, Last day or select a Date and click OK.
If you want to change the Auto Selected Next Run date, click Next Run field to open a calinda. Select the first run date. After the first run the date will increment to matched the day of the month selected. If there are insufficient days in a month, e.g., the Next Run date should be 30th but it's February, then run will occur on the 28th with the Next Run date incrementing to the 30th March.

QUARTERLY

Re-open Run Time window

Securities Quarterly

Last Run 20/02/2023

Next Run 27/03/2023 📅

When you first select Quarterly this "Run Time" message will appear.

Tick First Day, Last Day or Set Date. If Set Date then click the Month in the Quarter and the date within the month and click OK.

Run Time

Select the day of the quarter to run
○ First Day ○ Last Day ○ Set Date
Month 1 Month 2 Month 3
1st 2nd 3rd 4th   5th 6th 7th 8th
9th 10th 11th 12th   13th 14th 15th 16th
17th 18th 19th 20th   21st 22nd 23rd 24th
25th 26th 27th 28th   29th 30th 31st
Ok   Cancel

If you want to change the Auto Selected Next Run date, click Next Run field to open a calinda.
Select the first run date. After the first run the date will increment to matched the day of the month selected. If there are insufficient days in a month, e.g., the Next Run date should be 30th but it's February, then run will occur on the 28th with the Next Run date incrementing to the 30th May.

YEARLY

Re-open Run Time window
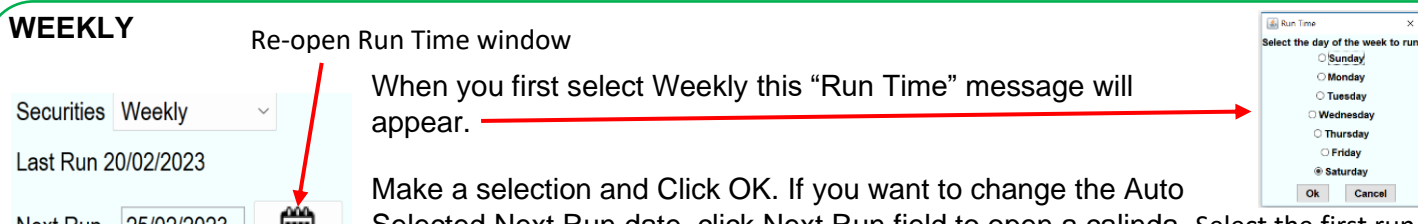
Securities Yearly

Last Run 20/02/2023

Next Run 20/02/2023 📅

When you first select Yearly this "Run Time" message will appear.

If you want to change the Auto Selected Next Run date, click Next Run field to open a calinda.
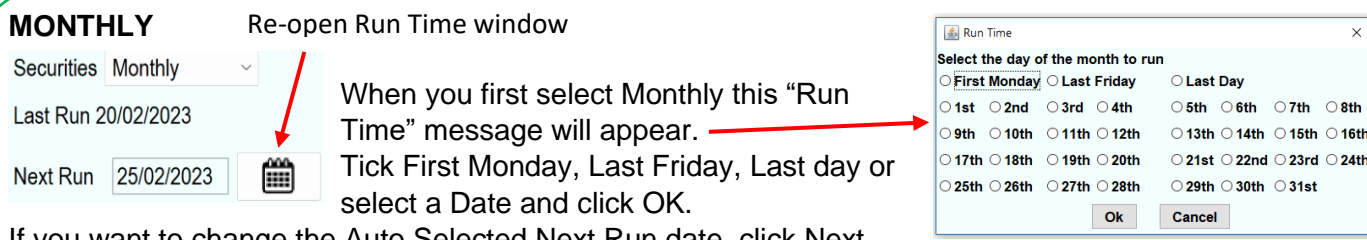
Run Time

Set the 'Next Run Date' to the date you wish Automatic Running to start. It will run on the same day each year.

Ok   Cancel

UPDATE TIME

Click on "Time of Run" dropdown and select update time.

With Moneydance open, but Quote Loader closed, an Automatic Run will occur at the set time or At Start Up (first start up the day only) on the date programmed in the selections above.

Time of Run   At Start Up ⌄
09:00
11:00
13:00
15:00
17:00
19:00
21:00
22:00

If Moneydance is opened and the due Time of Run, on the due date has passed, Automatic Update will start.

After you make any changes to the Automatic Run settings click the [Recalculate Next Run] button so that Quote Loader recalculates Automatic Run data. If the changes result in Quote Loader wanting to do an Automatic Run immediately, the following message appears.

Close Window   ×

❓ Quote Loader is trying to run an Automatic update. Do you wish to close this window to allow it to run

Yes   No

If you click NO, another Auto Run will be attempted at the next available "Time of Run" time.

DUPLICATE SECURITIES

Normally in Moneydance you should not use the same Ticker Symbol in more than one Security. You set up one Security and add this to each Investment Account under SECURITY DETAIL window ADD SECURITY button. If you have Duplicate Securities/Tickers Quote Loader will only list one and hence only one will be updated. Some Financial Institutions in there downloads, when the same Security exists in more than one Investment Account, indicate to which account the data should be routed by adding an extra identifier. These identifiers are in addition to the Ticker and are not normally visible to the user. They can't be found for example in the Moneydance Security History window for a Security under TOOLS – SECURITIES. To handle this situation Moneydance automatically creates a Duplicate Security under TOOLS – SECURITIES which contains this hidden identifier. This creates in Quote Loader terms a Duplicate Security. In these cases, the user must manually add an extension to the Duplicate Security Ticker Symbol using the # symbol. Example, there are three securities all using the Ticker AAPL. Under TOOLS - SECURITIES edit any two duplicates to

add an extension to the Ticker Symbol. This gives AAPL#1 and AAPL#2 so each has a uniquely Ticker plus the unedited Security with the Ticker AAPL which becomes the Primary. Optional, you can add the identifier to security name to distinguish between duplicates in reports. In Quote Loader all three Securities will be listed but only the Primary will be enabled to set a source and exchange. However, on "Save Selected Lines" all ticked data lines will be entered into their respective Moneydance Security History windows. Thus, solving the Duplicate Security problem.

Quote Loader 321402
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 Curren...	Volume
☐	AAPL			APPLE 1	Yahoo HD	£148.48	21/02/2023	146.18	-1.55	-2.30	24/02/2023++	USD(146.18)	15516738
☐	AAPL#2			APPLE 2	Copy from primary	£130.00	31/01/2023	146.18	-1.55	-2.30	24/02/2023++	USD(146.18)	15516738
☐	AAPL#3			APPLE 3	Copy from primary	£148.48	21/02/2023	146.18	-1.55	-2.30	24/02/2023++	USD(146.18)	15516738

Select All Lines   Save Selected Lines   Get Exchange Rates   Get Prices   Save Changes   Create Prices CSV   Help   Close

NOTE: All Duplicate Securities must be in the same currency. Rules relating to retrieving historical data flows from the Primary Security. If you add a Duplicate Security and run Quote Loader using a HD source the data filled into the Duplicate Security History window will only contain data retried for the Primary Security. It will not show the historical data retried on previous Quote Loader runs. Further information on retrieving historical data see here.

ALTERNATIVE TICKERS

It is possible to set up an alternative Ticker for each Source group (.e.g. FT, FT HD) for any given Security. With the "Alt Ticker" field blank the ticker in the main "Ticker" field is used, the Ticker taken from Moneydance Edit Security Window – TOOLS – SECURITIES – double click subject Security - EDIT. Type in a new Ticker into the "Alt Ticker" field and it replace the ticker in the main "Ticker" field. Clicking the "Save Changes" button will associate the "Alt Ticker" to the selected Source group. You only have to enter an "Alt Ticker" for one member of the group for it to appear in the other related sources. You can still change to another source group (e.g. Yahoo, Yahoo HD) and the main Ticker will be used for that source unless it has an Alt Ticker, in which case that will be used. To get back to using the Main "Ticker" the text in one of the source group "Alt Ticker" field should be edited out and the "Save Changes" button clicked.
This feature is useful partially for funds were different sources normally use different Tickers. For example Xtrackers MSCI USA Banks UCITS on Yahoo Ticker is XUFB.L on FT IE00BDVPTJ63 or XUFB:LSE:GBX Global X Lithium & Battery Tech ETF on Yahoo the Ticker is LIT on FT LIT:PCQ:USD

In the two Security windows below, one set to Source FT, the other to Yahoo, illustrate how Alt Tickers enable prices to be retrieved from both sources even when FT and Yahoo use different Tickers.

Quote Loader 321402
Securities Exchange Rates Parameters

Select	Ticker	Alt Ticker	Exch Mod	Name	Source->	Last Price	Price Date	New Price	% chg	Amt chg	Trade Date	Trade Currency	Volume
☐	AAPL			Apple Inc	FT	$152.5500	17/02/2023	152.5500			17/02/2023	USD	59140000
☐	AIR		Paris	Airbus SE	FT	€123.3600	20/02/2023	123.5200	0.1297	0.1600	20/02/2023	EUR	231150
☐	GB0033772517			Dimensional Emerging Markets Core Equity Fund GBP Income	FT	£42.6300	31/12/2021	40.1200	-5.8879	-2.5100	17/02/2023	GBP	0
☐	IE00B0V9T862			PIMCO Global High Yield Bond Fd Institutional Hedged Inc	FT	£5.0300	17/02/2023	5.0300			17/02/2023	GBP	0
☐	IE00B1W56S93			iShares Pacific Index Fd Inst Acc USD	FT	£17.1111	20/02/2023	17.0847	-0.1543	0.0264	16/02/2023	USD(20.5700)	0
☐	IE00BG36TC12			Xtrackers MSCI Japan ESG UCITS ETF 1C	FT	£15.1148	17/02/2023	15.1056	-0.0609	-0.0092	20/02/2023	USD(18.1600)	10
☐	LIT	LIT:PCQ:USD		Global X Lithium & Battery Tech ETF	FT	£55.0230	17/02/2023	55.0230			17/02/2023	USD(65.8900)	749820
☐	LLOY		LSE	Lloyds Banking Group plc	FT	£0.5142	17/02/2023	0.5171	0.5640	0.0029	17/02/2023	GBX(51.7100)	43920000
☐	RY			Royal Bank of Canada	FT	£88.7197	18/01/2023	86.0340	-3.0272	-2.6857	17/02/2023	CAD(138.7900)	5140000
☐	VHGEX			Vanguard Global Equity Fund Investor Shares	FT	$29.4200	17/02/2023	29.4200			17/02/2023	USD	0
☐	VOW3		XETRA	Volkswagen AG	FT	€132.4800	20/02/2023	132.4600	-0.0151	-0.0200	20/02/2023	EUR	229640
☐	VTHRX			Vanguard Target Retirement 2030 fund	FT	$27.4906	17/02/2023	27.4906			17/02/2023	USD(32.9200)	0

Select All Lines   Save Selected Lines   Get Prices   Save Changes   Create Prices CSV   Help   Close

Quote Loader 321402
Securities Exchange Rates Parameters

Select	Ticker	Alt Ticker	Exch Mod	Name	Source->	Last Price	Price Date	New Price	% chg	Amt chg	Trade Date	Trade Currency	Volume
☐	AAPL			Apple Inc	Yahoo	$152.5500	17/02/2023	152.5500			20/02/2023	USD	0
☐	AIR		Paris	Airbus SE	Yahoo	€123.3600	20/02/2023	123.5600	0.1621	0.2000	20/02/2023	EUR	0
☐	GB0033772517	0P00000T77.L		Dimensional Emerging Markets Core Equity Fund GBP Income	Yahoo	£42.6300	31/12/2021	40.1200	-5.8879	-2.5100	20/02/2023	GBp(4,012.0000)	0
☐	IE00B0V9T862	0P00005XS6.L		PIMCO Global High Yield Bond Fd Institutional Hedged Inc	Yahoo	£5.0300	17/02/2023	5.0400	0.1988	0.0100	20/02/2023	GBp(504.0000)	0
☐	IE00B1W56S93	0P00000N5G8		iShares Pacific Index Fd Inst Acc USD	Yahoo	£17.1111	20/02/2023	17.1111			20/02/2023	USD(20.5710)	0
☐	IE00BG36TC12	XESJ.L		Xtrackers MSCI Japan ESG UCITS ETF 1C	Yahoo	£15.1148	17/02/2023	15.0950	-0.1310	-0.0198	20/02/2023	GBP	0
☐	LIT			Global X Lithium & Battery Tech ETF	Yahoo	£55.0230	17/02/2023	54.8079	-0.3909	-0.2151	20/02/2023	USD(65.8900)	0
☐	LLOY		LSE	Lloyds Banking Group plc	Yahoo	£0.5142	20/02/2023	0.5169	0.5251	0.0027	20/02/2023	GBp(51.6900)	0
☐	RY			Royal Bank of Canada	Yahoo	£88.7197	18/01/2023	85.7345	-3.3648	-2.9652	20/02/2023	USD(103.0700)	0
☐	VHGEX			Vanguard Global Equity Fund Investor Shares	Yahoo	$29.4200	17/02/2023	29.4200			20/02/2023	USD	0
☐	VOW3		XETRA	Volkswagen AG	Yahoo	€132.4800	20/02/2023	132.5600	0.0604	0.0800	20/02/2023	EUR	0
☐	VTHRX			Vanguard Target Retirement 2030 fund	Yahoo	$27.4906	17/02/2023	27.3831	-0.3910	-0.1075	20/02/2023	USD(32.9200)	0

Select All Lines   Save Selected Lines   Get Prices   Save Changes   Create Prices CSV   Help   Close

RETRIEVING HISTORICAL DATA

The purpose of this feature is to retrieve data going back to the last date entry in a Moneydance's Currency/Security History window. If you last ran Quote Loader on 27th May and you are now running on 2nd June Quote Loader will load the prices for the 28th May to the 2nd June, if they are available. It will not fill in any gaps before 27th May. Does not overwrite your existing history. Yahoo HD (Historical Data) can retrieve data going back about 1, 2 or 3 months as selected in the drop down on the Parameters tab "Amount of Yahoo history to collect". FT HD about 28 days. If available. "++" after the Trade Date denotes history has been retrieved. FT HD does not support historical data for Stocks, only Funds, nor does it support Exchange Rates. If the source Yahoo or FT is selected the Parameters tab "Retrieve missed prices" box has no effect. Only data for the most recent available date is retrieved. The only way to fill gaps is to remove data from the Moneydance Currency/Security History window before the gaps and run Quote Loader remembering the time limit on data that can be retrieved. Do an EXPORT BACKUP first in case the results are not as intended.

UPDATE MONEYDANCE CURRENT PRICE

The date for the Current Price/Rate for a Security/Currency under TOOLS – SECURITIES/CURRENCIES is not shown in this window and can only be seem in the security list under TOOLS – SECURITIES (Last Update). This date is set to the current date when the Current Price/Rate is updated. For example, if a Security Current Price is manually changed the Current date assumes the date of the change. If the "Trade Date" obtained by Quote Loader precedes the Current Price date the Current Price is not updated to match the new Dated Price. The last Dated Price and the Current Price will be different. However, by ticking the "Update Moneydance Current Price" box on the Parameters tab the Current Price will be updated to the Quote Loader "New Price" regardless of the Current Price date which itself will be reset to the date of the last Dated Price. The same is true for Exchange Rates. The user can select which scenario to use.

RETURNED PRICE IS ZERO.

There could be two reasons why a quote is returned as a zero.

1. The Ticker symbol for the quote is incorrect or needs a Exch Mod for the quote source used. See here.
2. You have tried all quote sources and none supports the quote or you have selected "Do not load quote". In these cases, you will need to obtain a price from another source and enter it manually in to the associated "New Price" field. Double click on the New Price field. Swipe over the existing value and enter the new value then click on another field. Clicking another field will update "%chg", "Amt chg" values. Trade Date will be updated with today's date. The Trade Date can be edited by double clicking on the Trade Date field to open a calenda.

ADVANCED USERS INTO WRITING SCRIPTS.

You can perform a process to auto open Moneydance with a selected Data Set, then run Quote Loader (as denoted by quotes appearing in the status line at the bottom of the Moneydance window). On completion optionally closing Moneydance. You can initiate this as many times per day as you want.

BEWARE - If Quote Loader fails to retrieve quotes for one or more security no warning is given.

The following provides the basic information required to run the process on the last opened Moneydance Data Set.

Note: with the exception of Windows PowerShell use upright quotes " and that rich text slanting quotes will not work.

Windows using CMD Command Prompt or PowerShell. (verified by author on Windows10 and 11)

To invoke a Quote Loader run with Moneydance closed include the following line with for PowerShell **&** followed by a space at the start of the line.

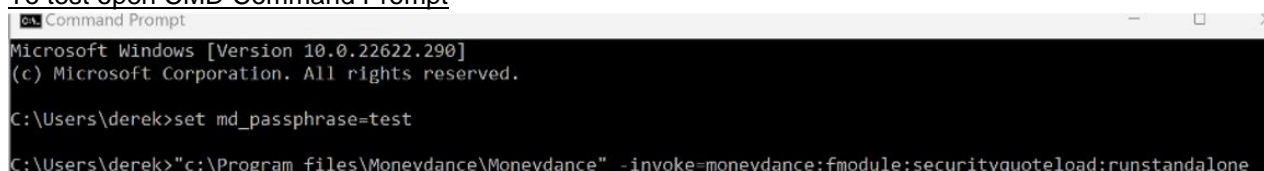**"c:\Program files\Moneydance\Moneydance" -invoke=moneydance:fmodule:securityquoteload:runstandalone**

If the Data Set is password protected then the above line needs to be preceded by a separate line.

set md_passphrase=xxx for PowerShell **$env:md_passphrase = "xxx"** where xxx is your Moneydance Data Set password.

Lines can be typed or pasted into the window from the PDF, via a text editor, when the line contain variables that need editoring.

In the following examples the Moneydance Data Set password = test

To test open CMD Command Prompt

Only type the first line if the Moneydance Data Set is password protected, starting at **set** and then press Enter.
Always type the second line starting at **"c:\Program** and press Enter. Wait for Moneydance to open.

Windows PowerShell

Only type the first line if the Moneydance Data Set is password protected, starting at **$env** and then press Enter.
Always type the second line starting at **& "c:\Program** and press Enter. Wait for Moneydance to open.

Mac (The following lines were provided by Stuart. No Screen shot available. Not verified by author)

To invoke a Quote Loader run with Moneydance closed include the line:

"/Applications/Moneydance.app/Contents/MacOS/Moneydance" -invoke=moneydance:fmodule:securityquoteload:runstandalone

If the Data Set is password protected then the above line needs to be preceded by a separate line.

export md_passphrase=xxx where xxx is your Moneydance Data Set password.

To test open Terminal

Only type the line starting with **export** if the Moneydance Data Set is password protected and then press Enter.
Lines can be typed or pasted into the Terminal window from the PDF, via a text editor, when the line contain variables that need editoring. Enter this line into terminal.

"/Applications/Moneydance.app/Contents/MacOS/Moneydance" -invoke=moneydance:fmodule:securityquoteload:runstandalone
Press Enter then wait for Moneydance to open.

Linux (The following lines were provided by dwg - Verified by author on Linux Mint and Feren OS)

To invoke a Quote Loader run with Moneydance closed include the line:

/opt/Moneydance/Moneydance -invoke=moneydance:fmodule:securityquoteload:runstandalone

If the Data Set is password protected then the above line needs to be preceded by a separate line.

export md_passphrase=xxx where xxx = is your Moneydance Data Set password.

To test open Linux Terminal

Lines can be typed or pasted into the Terminal window from the PDF, via a text editor, when the line contain variables that need editoring.
In the following example the Moneydance Data Set password = test

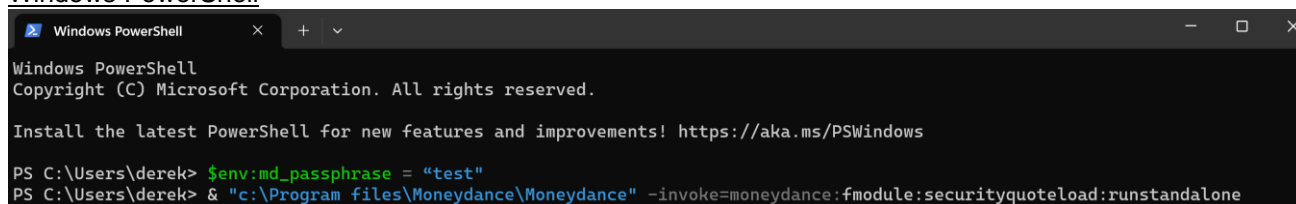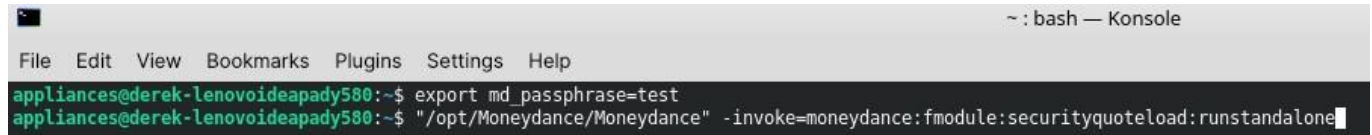Only type the first line if the Moneydance Data Set is password protected, starting at **export** and then press Enter.
Always type the second line starting at **"/opt** and press Enter. Wait for Moneydance to open.

Advanced notes:

OPTIONAL. You can also specify a Moneydance Data Set to be opened, regardless of the last Data Set to be open in Moneydance.

Windows using CMD Command Prompt or PowerShell window. (verified by author on Windows10 and 11)

Change

"c:\Program files\Moneydance\Moneydance" -invoke=moneydance:fmodule:securityquoteload:runstandalone

To

**"c:\Program files\Moneydance\Moneydance" "c:\Users\zzz\.moneydance\Documents\yyy.moneydance" -
invoke=moneydance:fmodule:securityquoteload:runstandalone**

where zzz = users name, where yyy=Moneydance Data Set name. For PowerShell add **&** followed by a space at the start of the line.

Lines can be typed or pasted into the window from the PDF, via a text editor, when the line contain variables that need editoring. Line must be one line in text editor not two.

If the Data Set is password protected then the above line needs to be preceded by a separate line.

set md_passphrase=xxx for Powershell **$env:md_passphrase = "xxx"** where xxx is your Moneydance Data Set password.
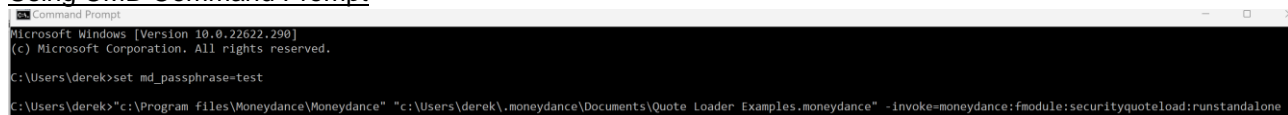
To test on open either CMD Comand Prompt or PowerShell.

But first open and then close another Moneydance Data Set, not the Data Set under test.
In this test Data Set password xxx = test, Moneydance User Name zzz = derek and Data Set Name yyy = Quote Loader Examples
Using CMD Command Prompt
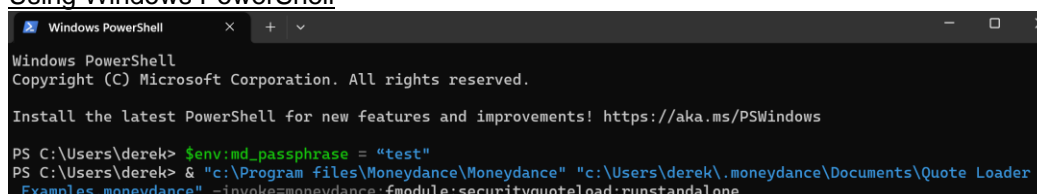
Only type the first line if the Moneydance Data Set is password protected, starting at **set** and then press Enter.
Always type the second line starting at **"c:\Program** and press Enter. Wait for Moneydance to open.

Using Windows PowerShell

Only type the first line if the Moneydance Data Set is password protected, starting at **$env** and then press Enter.
Always type the second line starting at **& "c:\Program** and press Enter. Wait for Moneydance to open.

Mac (The following lines were provided by Stuart. No screen shot available. Not verified by author)

Change

"/Applications/Moneydance.app/Contents/MacOS/Moneydance"-invoke=moneydance:fmodule:securityquoteload:runstandalone
To

**"/Applications/Moneydance.app/Contents/MacOS/Moneydance" "/Users/zzz/Library/Containers/com.infinitekind.MoneydanceOSX/
Data/Documents/yyy.moneydance"-invoke=moneydance:fmodule:securityquoteload:runstandalone**

where zzz = users name, yyy = Moneydance Data Set name. Lines can be typed or pasted into the Terminal window, via a text editor from the PDF, when the line contain variables that need editoring. Line must be one line in text editor not two.

If the Data Set is password protected then the above line needs to be preceded by a separate line.

export md_passphrase=xxx where xxx is your Moneydance Data Set password.

To test open Terminal

But first open and then close another Moneydance Data Set, not the Data Set under test.

If Data Set is password protected type **export md_passphrase=xxx** where xxx is your Moneydance Data Set password and press Enter.
Then type the following line

**"/Applications/Moneydance.app/Contents/MacOS/Moneydance" "/Users/zzz/Library/Containers/com.infinitekind.MoneydanceOSX/
Data/Documents/yyy.moneydance"-invoke=moneydance:fmodule:securityquoteload:runstandalone**

Where zzz = users name and yyy = Data Set Name

and press Enter. Then wait for Moneydance to open.

Linux (The following lines were provided by dwg - Verified by author on Linux Mint and Feren OS)

Change

/opt/Moneydance/Moneydance -invoke=moneydance:fmodule:securityquoteload:runstandalone

To

**/opt/Moneydance/Moneydance "/home/zzz/.moneydance/Documents/yyy.moneydance" -
invoke=moneydance:fmodule:securityquoteload:runstandalone** where zzz = users name and yyy = Moneydance Data Set
name. Lines can be typed or pasted into the terminal window from the PDF, via a text editor, when the line contain
variables that need editoring. Line must be one line in text editor not two.

If the Data Set is password protected then the above line needs to be preceded a separate line.

export md_passphrase=xxx where xxx = password.

To test open Terminal

But first open and then close another Moneydance Data Set, not the Data Set under test.
In this test zzz = users name, Moneydance Data Set password xxx = test and Data Set Name yyy = Quote Loader
Examples
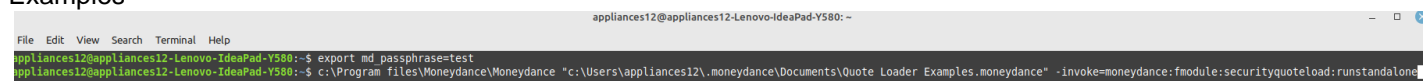
Only type the first line if the Moneydance Data Set is password protected, starting at **export** and then press Enter.
Always type the second line starting at **"/opt** and press Enter. Wait for Moneydance to open.

Option noquit

If you want to prevent Moneydance from closing after quotes have been obtained you can add
:noquit to the end of the -invoke statement so line ends **:runstandalone:noquit**

EXCH MOD TABLE

Exch Mod - The available exchanges are:			
Exchange	**Name**	**FT Suffix**	**Yahoo Suffix**
ASE	American Stock Exchange	:ASE	
Athens	Athens Exchange	:ATH	.AT
ASX	Australian Stock Exchange	:ASX	.AX
Barcelona	Barcelona Stock Exchange		.BC
Berlin	Berlin Stock Exchange	:BER	.BE
Berne	Berne Stock Exchange	:BRN	
Bilbao	Bilbao Stock Exchange		.BI
Mumbai	Bombay Stock Exchange		.BO
Istanbul	Borsa Istanbul	:IST	.IS
Bremen	Bremen Stock Exchange		.BM
Bucharest	Bucharest Stock Exchange	:BUH	
Budapest	Budapest Stock Exchange	:BUD	
Buenos Aires	Buenos Aires Stock Exchange	:BUE	.BA
Bulgaria	Bulgarian Stock Exchange	:BLG	
Caracas	Caracas Stock Exchange		.CR
Casablanca	Casablanca Stock Exchange	:CAS	
CBOT	Chicago Board of Trade		.CBT
CME	Chicago Mercantile Exchange		.CME
Colombo	Colombo Stock Exchange	:CSE	
Copenhagen	Copenhagen Stock Exchange (NASDAQ OMX Nordic)	:CPH	.CO
DUS	Dusseldorf Stock Exchange	:DUS	.DU
EGX	Egyptian Stock Exchange		.CA
Euro Block	Euronext Block	:EBT	.NX
Amsterdam	Euronext - Amsterdam	:AEX	.AS
Brussels	Euronext - Brussels	:BRU	.BR
Lisbon	Euronext - Lisbon	:LIS	.LS
Paris	Euronext - Paris	:PAR	.PA
FSX	Frankfurt (German) Stock Exchange	:FRA	.F
Germ Comp	German Composite	:DEU	
Hamburg	Hamburg Stock Exchange	:HAM	.HM
Hanover	Hanover Stock Exchange	:HAN	.HA
Helsinki	Helsinki Stock Exchange (NASDAQ OMX Nordic)	:HEX	.HE
HKEX	Hong Kong Stock Exchange	:HKG	.HK
Iceland	Iceland Stock Exchange (NASDAQ OMX Nordic)	:ICX	.IC
IDX	Indonesian Stock Exchange	:JKT	.JK
ISE	Irish Stock Exchange		.IR
Istanbul	Istanbul Stock Exchange	:IST	
Milan	Italian (Milan) Stock Exchange	:MIL	.MI
JSE	Johannesburg Stock Exchange	:JNB	.JO
KRX	Korea Exchange		.KS
KOSDAQ	KOSDAQ		.KQ
Ljubljana	Ljubljana Stock Exchange	:LJE	
LSE	London Stock Exchange	:LSE	.L
LuxSE	Luxembourg Stock Exchange	:LUX	
Madrid Fixed	Madrid Fixed Income Market		.MF
Madrid SE	Madrid SE C.A.T.S.	:MCE	.MC
MYX	Malaysia Stock Exchange	:KLS	.KL
Mexico	Mexican Stock Exchange	:MEX	.MX
Montevideo	Montevideo Stock Exchange		
Munich	Munich Stock Exchange	:MUN	.MU
Muscat	Muscat Securities Market	:MUS	.ON

Nairobi	Nairobi Stock Exchange	:NAI	
NASDAQ	NASDAQ		
NASDAQ CCM	NASDAQ Consolidated Capital Market	:NAQ	
NASDAQ CLP	NASDAQ Consolidated Large Cap	:NMQ	
NASDAQ GLO	NASDAQ Global Select	:NSQ	
NSE	National Stock Exchange of India	:NSI	.NS
NYBOT	New York Board of Trade		.NYB
COMEX	New York Commodities Exchange		.CMX
NYCON	New York Consolidated	:NYQ	
NYMEX	New York Mercantile Exchange		.NYM
NYSE	New York Stock Exchange	:NYS	
AMECON	New York Stock Exchange American Consolidated	:ASQ	
NZX	New Zealand Exchange	:NZC	.NZ
Nigeria	Nigerian Stock Exchange	:LAG	
	Osaka Securities Exchange		
OSE	Oslo Stock Exchange	:OSL	.OL
OTC Bulletin	OTC Bulletin Board Market		.OB
OTC Markets	OTC Markets (Pink Sheets)	:PNK	.PK
PSX	Pakistan Stock Exchange	:KAR	
PSX	Philippine Stock Exchange	:PHS	
Prague	Prague Stock Exchange	:PRA	.PR
Doha	Qatar Stock Exchange (Doha Securities Market)	:DSM	.QA
Riga	Riga Stock Exchange (NASDAQ OMX Baltic)		.RG
Santiago	Santiago Stock Exchange	:SGO	.SN
Sao Paolo	Sao Paolo Stock Exchange	:SAO	.SA
Tadawul	Saudi Stock Exchange		.SAU
SSE	Shanghai Stock Exchange	:SHH	.SS
SZSE	Shenzhen Stock Exchange	:SHZ	.SZ
SGX	Singapore Exchange	:SES	.SI
SIX	SIX Swiss Exchange	:SWX	.SW
SET	Stock Exchange of Thailand	:SET	.BK
Stockholm	Stockholm Stock Exchange (NASDAQ OMX Nordic)	:STO	.ST
Stuttgart	Stuttgart Stock Exchange	:STU	.SG
TPEx	Taipei Exchange		.TWO
TWSE	Taiwan Stock Exchange	:TAI	.TW
Tallinn	Tallinn Stock Exchange (NASDAQ OMX Baltic)	:TLX	.TL
Tel Aviv	Tel Aviv Stock Exchange	:TLV	.TA
TSE	Tokyo Stock Exchange	:TYO	.T
TSX	Toronto Stock Exchange	:TOR	.TO
TSXV	TSX Venture Exchange	:CVE	.V
TSXV NEX	TSX Venture Exchange NEX	:NEX	
Ukraine	Ukrainian Stock Exchange	:UAX	
Vienna	Vienna Stock Exchange	:VIE	.VI
Vilinius	Vilnius Stock Exchange (NASDAQ OMX Baltic)	:VLX	.VS
Warsaw	Warsaw Stock Exchange	:WSE	
XETRA	XETRA	:GER	.DE

TRUE TABLES TO SHOW IF A SECURITY APPEARS IN QUOTE LOADER

Security not held in any Investment Accounts

Security listed in Stock Prices	Include Securities with no Holdings	Security inactive in all accounts	Security listed in Quote Loader
no	no	no	NO
yes	no	no	NO
no	yes	no	NO
yes	yes	no	YES

Security in Investment Account but with no holdings

Security listed in Stock Prices	Include Securities with no Holdings	Security inactive in all accounts	Security listed in Quote Loader	Security listed in Stock Prices	Include Securities with no Holdings	Security inactive in all accounts	Security listed in Quote Loader
no	no	no	NO	no	no	yes	NO
yes	no	no	NO	yes	no	yes	NO
no	yes	no	YES	no	yes	yes	NO
yes	yes	no	YES	yes	yes	yes	YES

Security in Investment Account with holdings

Security listed in Stock Prices	Include Securities with no Holdings	Security inactive in all accounts	Security listed in Quote Loader	Security listed in Stock Prices	Include Securities with no Holdings	Security inactive in all accounts	Security listed in Quote Loader
no	no	no	YES	no	no	yes	NO
yes	no	no	YES	yes	no	yes	NO
no	yes	no	YES	no	yes	yes	NO
yes	yes	no	YES	yes	yes	yes	YES

NOTE: For a Security to be listed in the Stock Prices list it must be selected in Moneydance to "Show on summary page" under TOOLS – SECURITIES select Security - EDIT. The Stock Prices list can be made visible by inclusion on the Summary Page under FILES – PREFERENCES – tab SUMMARY PAGE.

NOTE: The Include Securities with no holding? Box is located in the Quote Loader Parameter tab and is a global setting affecting all Securities.

NOTE: A Security can be set to Inactive under TOOLS – ACCOUNTS. In the context of the above tables for a Security to be Inactive it must be set to Inactive in all accounts where it appears.

HAVE FUN   *Derek Kent*