PROCEDURE TO IMPORT FIDELITY ORDER REPORT TO TRADERVUE USING MS EXCEL 2019

by thomasalvatran

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2 Weekends Project

The current report of Fidelity does not the execution time of the trade also known as order time. Fidelity website is only providing date and ordering of execute time Traderview use it the order to display the orders but time is shown as 12:00:00 since Fidelity website does not provide it.

- **Time**: highly recommended; if this column is omitted, 12:00:00 will be used as the execution time for each execution. This has a number of side effects - see Importing without execution times. If present, the time MUST be in HH:MM:SS format as shown, in 24-hour time. The time zone can be selected when importing.

However with Fidelity Active Pro application the user can export csv file format with the time as 12 hour format such as 12:00:00 AM or PM.

In main menu Trader and orders click orders a pop up will display then click order time to correct by time order make sure it is correct and from left mouse click export to csv. This way it will include time stamps in 12 hour format but it will be rejected by Tradervue because it does recognize AM or PM it is so stupid. The format must be as follows

Symbol	Quantity	Price	Time	Date
BABA	-8	89.67	14:05:57	5/26/2022
BABA	-3	84	14:02:57	5/26/2022
BABA	2	85.2	13:59:32	5/26/2022

NOTE: - negative is SOLD and + or nothing is BUY and it has to be done before midnight 12:00 PM otherwise Fidelity will delete the time only keep the date. I don't know why at midnight when they do the backup they remove the time.

In this document we will convert the Fidelity orders format to the requirement format of Tradervue. We will use at least 3 functions or formula from input to output format

INPUT report from Fidelity Active Trader Pro

Order Status						
05/27/2022 07:03:10 PM ET						
Symbol	Status	Order Tim	Order Type	Trade Description	Account	Quantity
AVDL	FILLED AT $1.47	07:42:23 AM 05/27/2022	Limit at $1.47	Buy 100 Limit at $1.47	ROLLOVEF	100
AVDL	FILLED AT $1.54	07:43:43 AM 05/27/2022	Limit at $1.44	Sell 100 Limit at $1.44	ROLLOVEF	100

to this format which will accept by Tradervue. I added extra orders column

OUTPUT report to parse into Tradervue

Date	Symbol	Price	Time	Quantity	Orders
5/27/2022	AVDL	1.47	07:42:23	100	1
5/27/2022	AVDL	1.54	07:43:43	-100	2
5/27/2022	AVDL	1.44	07:49:52	100	3

In the application we need to setting to add Quantity and click order time for querybefore export and we will delete all the columns later in the process to keep only per Tradervue is needed as above. It is a long process. Each result of function calls you need to copy and paste to a new column by absolute values to get rid reference (REF). I talk more in this document. We need to get rid all the columns that have characters that causing problem when parse to Tradervue.

1. Price Column

We need to attract the price from the string"FILLED AT$14.755" of Status column to a new Price column

Cell=VALUE(MID(B5,13,10))(=MID(B5, 13, 10) will not work because we need value in order to paste by value)paste the result by value to create a new Price column as you see above.B5 is the cell need to be attracted from.

2. Time Column

We need to attract time from the string “07:42:23 AM05/27/2022” of Order Time column to new Time column

Cell==TIMEVALUE(LEFT(C5, 11) paste the result by value to create a new Time column as you can see above. C5 is the cell need to be attracted from.

This convert time to 24 hrs from column of Order time 02:05:57 PM

3. Quantity with sign(-/+)

Now to convert the quantity to negative for sell and positive for buy. I am using my design to convert Buy to +1 and Sell to -1 then multiply to Quantity to get a sign on Quantity per Tradervue require.

The quantity from Orders from Fidelity Active Pro app does not provide negative or positive for BUY and SELL.

We need to attract from Buy and Sell from Buy the string “Buy 100 Limit at $1.47”from the Trade Description column.

Cell=LEFT(D5,4) copy paste result by value to a new column

Find replace Buy with +1 and Sell with -1 for multiply with quantity. Now we will multiply +1 or -1 depending on Buy or Sell to Quantity to get a sign number for quantity.

=(D5*J5) then paste by values to new column then using This multiply 2 cells which Quantity with -1 or +1 for example: 1*100 = 100 and -1*100 = 100

Buy using find and replace with +1

Sellusing find and replace with -1

Quantity

100
-100
100

The result of the multiple the quantity is now carry sign number to the result negative or positive.
for example 100 quantity * -1 = -100 (Sell) for Traderview to interpret it is same as Fidelity Activity * Orders from Website but the application does not provide the sign on the quality. It is bug on mismatch between 2 reports this is why I have to fix to make it works.

I add a new column Date and Order using function

= today()

=row(A1)

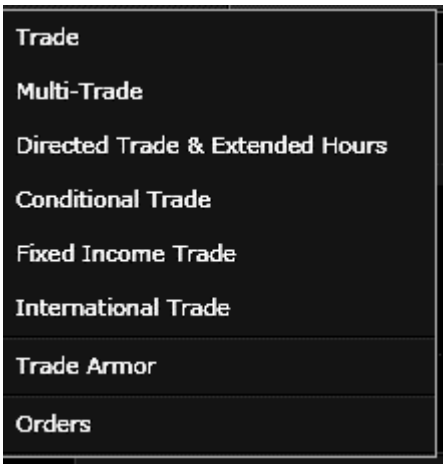
Fidelity only keeps the time for 1 day at midnight time is gone.Therefore, the reports need to generate everyday at the end of the day after market close.

4. The reasons to code and more details

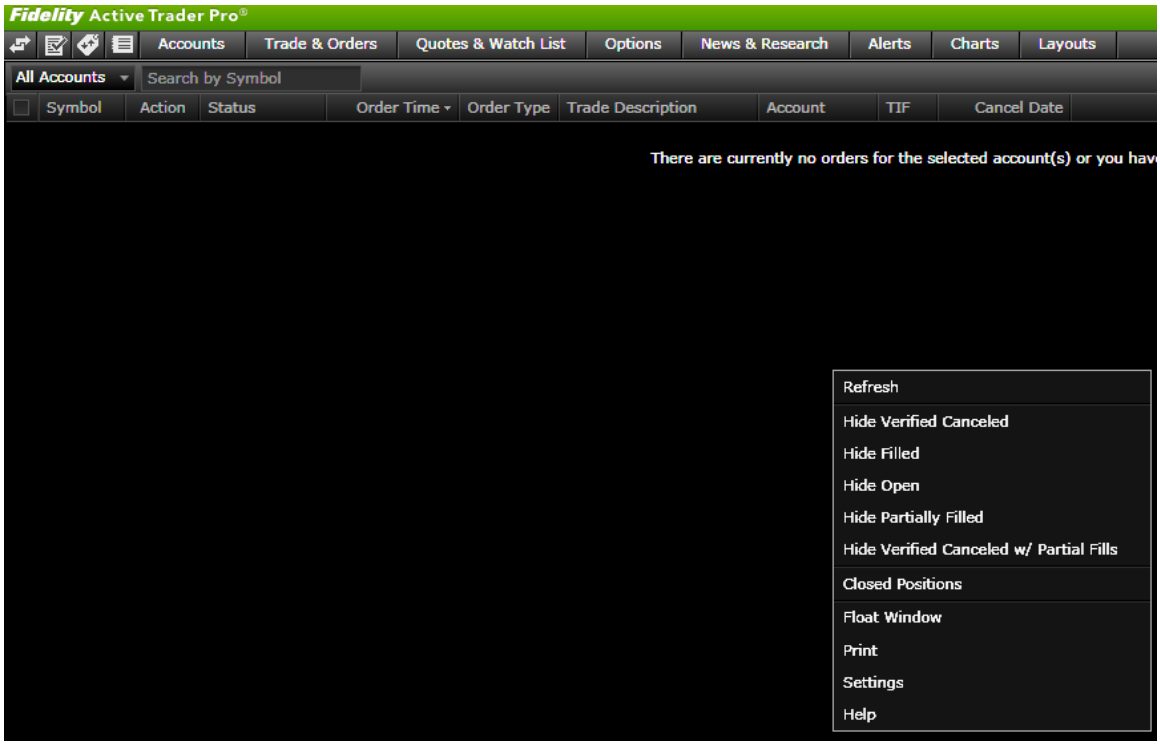
Traderview should handle 12 hrs format with AM or PM since Fidelity is broker it is not their responsibility but traderview is a software company and very expensive monthly cost should handle any time format throws at it. This is easy job, I was a software design engineer (1979-2022) before I retired we do can do a lot of wonderful things with LAMP like Facebook.

I think the Tradervue is based on PHP and MySQL if it is truth they can build a powerful website better this current website Tradervue.com many traders are using it and I don't use it just test my day performance when needed. I don't know but MySQL can be setup to accept any data throws as it.

To get csv file with timestamp Click orders from menu then Create file by left click on Fidelity export csv (not using Activity order from fidelity website, it does not give time but only date it creates a file called Account_History.csv this NOT what users want). In Fidelity active pro in order report only shows time stamp for only the current day with Date and time. Next day it will only show Date as in the Fidelity website report as well as Active Trader Pro in order section so if we need to the execution time for each trade need to do after market close for that day if users want to maintain the time stamp to hour, minute and second which are important to the traders to know exactly time to execute so users can reference later with the chart. Don't know why keep time all the time for all executed trade in Fidelity. It is very cheap and very easy to do.



Click Orders from Fidelity Active Trader Pro



Before export to csv file need to Hide Verified Cancels w/ Partial fills so it won't show

in the report.So it won't display a lot of junks.We attract the time column from Orders in Fidelity Active Trader Pro then merge with Activity & Orders report as follows

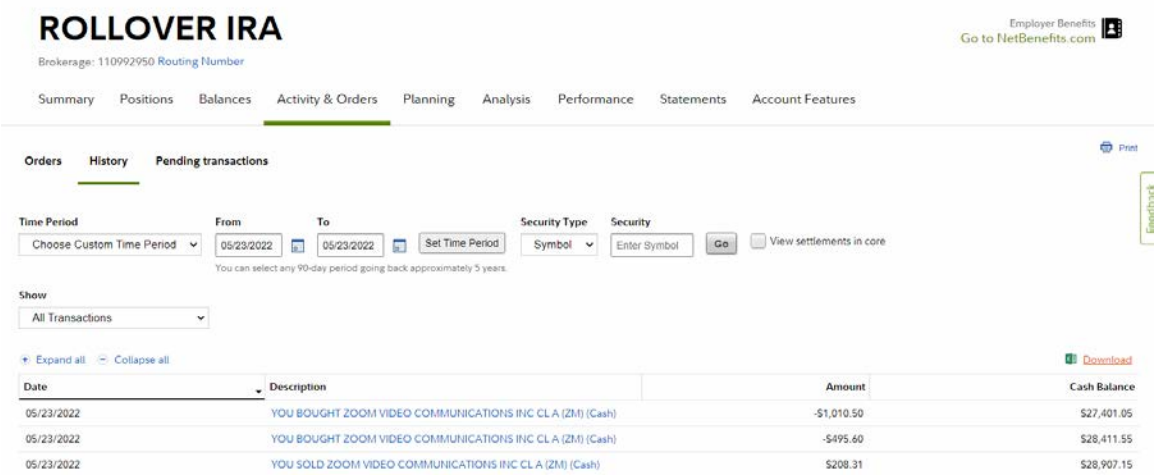
THE FOLLOWING SECTION UNTIL THE END FOR REFERENCE ONLY WE ARE NO LONGER MERGE THE TIME FROM FIDELITY ACTIVE TRADER PRO REPORT TO THE REPORT FROM ACTIVITY & ORDERS FROM FIDELITY WEBSITE IT IS EASY TO MISMATCH BECAUSE SOME STOCKS ARE SPLIT DURING EXECUTION. IMAGINE HOW TO ALIGN 2 CSV FILE.

THE NEW VERSION WE USE THE REPORT FROM ACTIVE PRO APP AND ADD THE COLUMNS PER REQUIRE BY TRADERVUE IT IS NO ERROR PRONE BUT MORE WORK IN THE PROCESS.

I WILL MAKE THE PROCESS PARSE BY ITSELF WHEN I HAVE TIME USING VB FROM VISUAL STUDIO CODE INSTEAD OF DIRECT CODE IN EXCEL.

---------- REFERENCE ONLY ----------

This Activity & Orders from Fidelity website Fidelity.com. Choose custom Time Period then make sure unclick Settlement in core we just need Stock symbol, Price, cost, quantity and time with date.



Brokerage

Run Date	Action	Symbol	Security D	Security T	Quantity	Price ($)	Commissi	Fees ($)	Accrued Ir	Amount ($	Settlement Date
05/23/202	YOU SOLD	ZM	ZOOM VII	Cash	-3	104.56		0.01		313.67	5/25/2022
05/23/202	YOU SOLD	ZM	ZOOM VII	Cash	-2	104.16		0.01		208.31	5/25/2022

Brokerage services are provided by Fidelity Brokerage Services LLC, 900 Salem Street, Smithfield, RI 02917. Custody and other services provided by National Financial Services LLC. Both are Fidelity Investment companies and members SIPC, NYSE. Insurance products at Fidelity are distributed by Fidelity Insurance Agency, Inc., and, for certain products, by Fidelity Brokerage Services, Member NYSE, SIPC.

Date dowı 4:36 PM

We will merge these columns with time column from Orders of Fidelity Active Traders Pro.

Brokerage														This column from Orders of Fidelity Active Pro	
Run Date	Action	Symbol	Security D	Security T	Quantity	Price ($)	Commissi	Fees ($)	Accrued Ir	Amount ($	Settlement Date			Order Time	
05/23/202	YOU BOUI	ZM	ZOOM VII	Cash	10	101.05				-1010.5	5/25/2022			04:11:50 PM 05/23/2022	=TIMEVALUE(LEFT(O7,11))
05/23/202	YOU BOUI	ZM	ZOOM VII	Cash	5	99.12				-495.6	5/25/2022			04:11:37 PM 05/23/2022	

Brokerage												This column from Orders of Fidelity Active Pro need to attract the time from	
Run Date	Action	Symbol	Security D	Security T	Quantity	Price ($)	Commissi	Fees ($)	Accrued Ir	Amount ($	Settlement Date	Order Time	Time
05/23/202	YOU BOUI	ZM	ZOOM VII	Cash	10	101.05				-1010.5	5/25/2022	04:11:50 PM 05/23/2022	0.674884
05/23/202	YOU BOUI	ZM	ZOOM VII	Cash	5	99.12				-495.6	5/25/2022	04:11:37 PM 05/23/2022	

Currently this is only way to merge time into Activity & Orders report from website that I know of.In this process you may find a missed alignment between Order Time column and Activity & Orders report because even Fidelity website and the app is called Fidelity Active Trader Pro work differently the Activity & Orders may split the trade into 2 or 3 when buy or sell and the orders of Active Pro does not which causing missing alignment. This method assumes that both reports are the same if there are discrepancies you need to merge the column or stretch the time so the number of rows in both reports are the same and reference for the same symbol when buy and sell. If they split they both reports need to split the same or merge then both merge the same. It becomes a nightmare when both reports are not the same number of rows even it reports buy and sell of the same stock symbol but one report as a split when buy and sell and one is not this is the bug in the way that fidelity report from the website and in the application. I found out that to be in sync in both report from Fidelity Website and Fidelity Active Pro.<u>In Application active Pro of Orders section before export left click then enable show Split/show partial filled as same as export from website.</u> I am able to have the same length of 2 spreadsheets.<u>This approach allows you can import into Tradervue by select Fidelity instead of Generic import format</u>.If I found another way I will up this document accordingly. After this step we just need to convert Order time to Time

Order Time		Time
04:11:50 PM 05/23/2022		0.674884

then copy and paste this time in values without reference (REF) so we can delete column Order Time which is failed in Tradervue because it won't accept the 12 hours' time such as 04:11:50 PM but 24 hrs. time in the format HH:MM:SS which it is stupid software. Otherwise we don't need to do the following step.

Order Time		Time		Time
04:11:50 PM 05/23/2022		0.674884		16:11:50

as you can see it converts from 04:11:50 PM to 16:11:50 which is required by Tradervue. We need to go the process to convert from 04:11:50 PM to absolute values then to 24 hrs time format.

With this way we have the time is format 09:00:00 AM it needs to convert to HH:MM:SS format otherwise Tradervue importing fail see, it complex procedure using function procedure to attract 11 bytes of data for time and store it in const value so the format 09:00:00 AM will delete completely for Tradervue to parse correctly, follows thelink

https://www.Tradervue.com/help/genericand

https://www.Tradervue.com/help/no_exectime

using function in excel to convert

https://exceljet.net/formula/convert-date-string-to-date-time

=TIMEVALUE(LEFT(Cell of Time, 11) // Need 8 HH:MM:SS AM or PM, 11 characters

Cell N

Order Time
11:31:20 AM
05/13/2022

To convert to numeric Integer number first take 11 characters from left of N cell

=(TIMEVALUE(LEFT(N, 11)

The string 11:31:20 AM has value as follows in value(please note that Tracervue will fail AM/PM) it only accepts HH:MM:SS format so we need to convert first:

Time INT

0.480093

Since we use function to convert cell N has 09:00:00 AM it as reference we cannot delete Cell N so we need to store Time INT into const value before we can delete it because AM/PM will cause errors when import into Tradervue. Create a column called Time as it need to parse Time into Tradervue

Time

using copy with paste special with values with Paste options into a new column.

Time INT

0.480093

to new
column
Time

Time INT		Time RAW
0.434502315	→	0.43450231
0.434398148		0.43439815

Time

0.480093

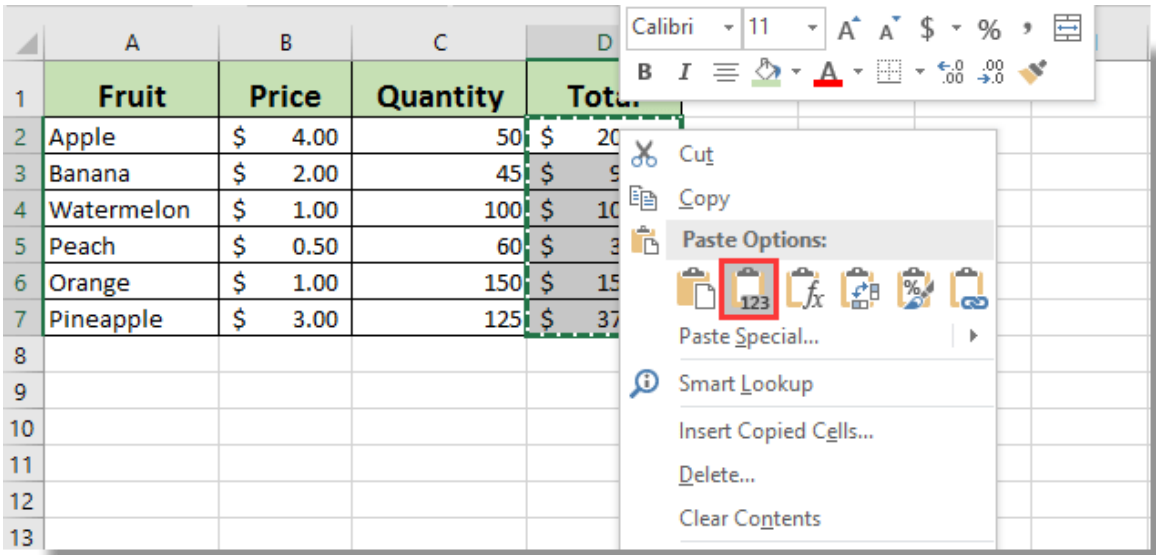
Final result is RAW data without REF (reference) so we can delete column Order Time has AM/PM causing error in Tradervue and Time with REF it has REF to Order time causing error #REF! on Excel since it has been deleted. With paste special the constant data to RAW data we can now delete 2 columns: Order Time and Time INT with Ref, only remain columns Time in RAW format

Time
0.480093
0.45485
0.44772
0.445856

N	O	P	Q	R	S	T	U	V	W	X
		Time with REF			Time copy and paste RAW data (Constant) no need Reference					
Order Time					it contains only absolute numbers					
11:31:20 AM 05/13/2022		=TIMEVALUE(S4LEFT(N4,11))			0.480093					
10:54:59 AM 05/13/2022		TIMEVALUE(time_text) 0.454849537			0.45485					
10:44:43 AM 05/13/2022		0.447719907			0.44772					
10:42:02 AM 05/13/2022		0.445856481			0.445856					

This Time column value is final value a raw data or absolute value or Macro or Constant in C/C++ which is defined which do not has a reference so we can delete all REF cell if we don't do this step Excel will error with #REF!.The trick is deleting the reference data in the cell after we capture the RAW data which no longer need a reference (REF) This picture works a thousand words. To do this, select the cells you need to remove all references, then

press **Ctrl** + **C** keys, keep these cells selected, right click and select **Values** under **Paste Options** section. We attract the data from Order Time cell after we are using it we can delete it as long as we store result of ref in absolute values in memory therefore because these absolute values no longer has reference (REF) so we can delete all reference REF cells. See screenshot:



Now with Time has Integer/Constant value we can convert to HH:MM:SS format as we wish or Tradervue wants it.

https://www.extendoffice.com/documents/excel/3300-excel-convert-seconds-to-hh-mm-ss.html

To highlight the entire columns the cell then click format cell then custom Type: HH:MM:SS hit ok then cell will convert to that format 24 hours from 12 hour format.Do exactly not a single cell and drag down that is copy we want change the format of whole columns.

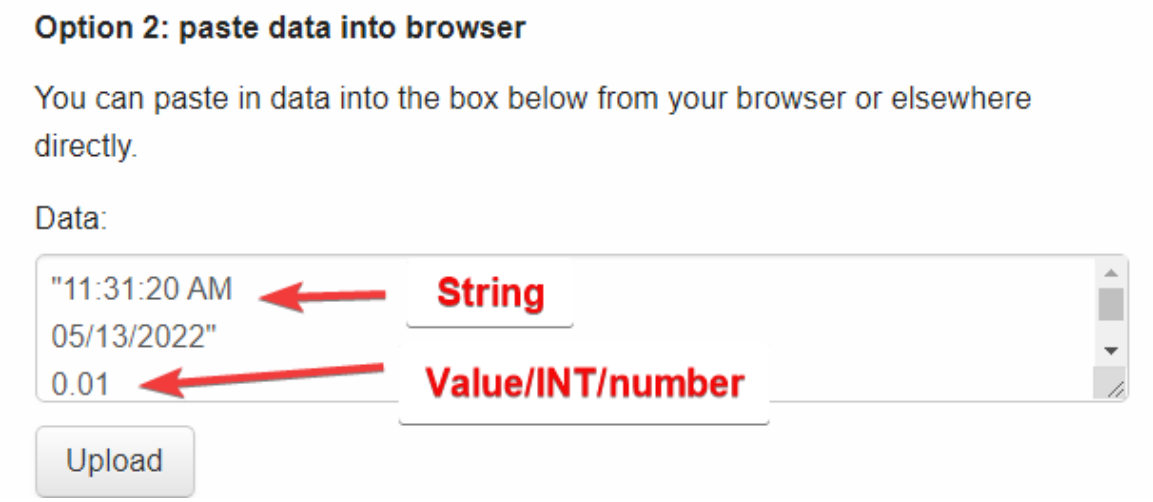
We can also use this formula to convert to 24 hours format HH:MM:SS as follows:

https://www.extendoffice.com/documents/excel/3798-excel-convert-12-hour-to-24-hour.html#a1

=TEXT(A2,"[hh]:mm:ss")

If we use this way then we create 1 cell with this formula and drag down to copy all the columns with the same formula. Two methods with 2 different ways of doing it.

From this formula or function it converts value into Text or string we can verify by paste into https://www.tradervue.com/trades/import a value is without quote" and string inside quote"



Under a new column Time we must name “Time” because how Tracervue knows we have a time if not, it will show 12:00:00 as default. The format should be as follows:

Date	Time
5/17/2022	11:31:20
5/17/2022	12:31:20
5/17/2022	13:31:20

Finally, we will have the new column Time and Date at last. Fidelity has Run date, Settlement date and Order time but Tracervue wants Date and Time so we need to change accordingly.We can choose Run date, Settlement date or today date

Tradervue only recognizes the date so to use Run date it needs to rename to Date

To use today date Date and formula Today(). So the user can tell Tradervue to print today date, Run date or Settlement date by providing correct date and Order time has been convert to 24 hrs format HH:MM:SS this is main goal for this project.

Date
=TODAY()
TODAY()
5/22/2022
5/22/2022

In Tradervue when upload you need to choose import Generic import format instead of tradition Fidelity without time stamp only date. But users want to have time and date so users have to follow this procedure otherwise users have to do by hand take too long.

Import from Broker

Please note: If possible, all data should be imported in chronological order, with the oldest data first.

Select your broker or trading platform:

Generic Import Format

Instructions See import instructions to right →

Add tags to all trades in this import

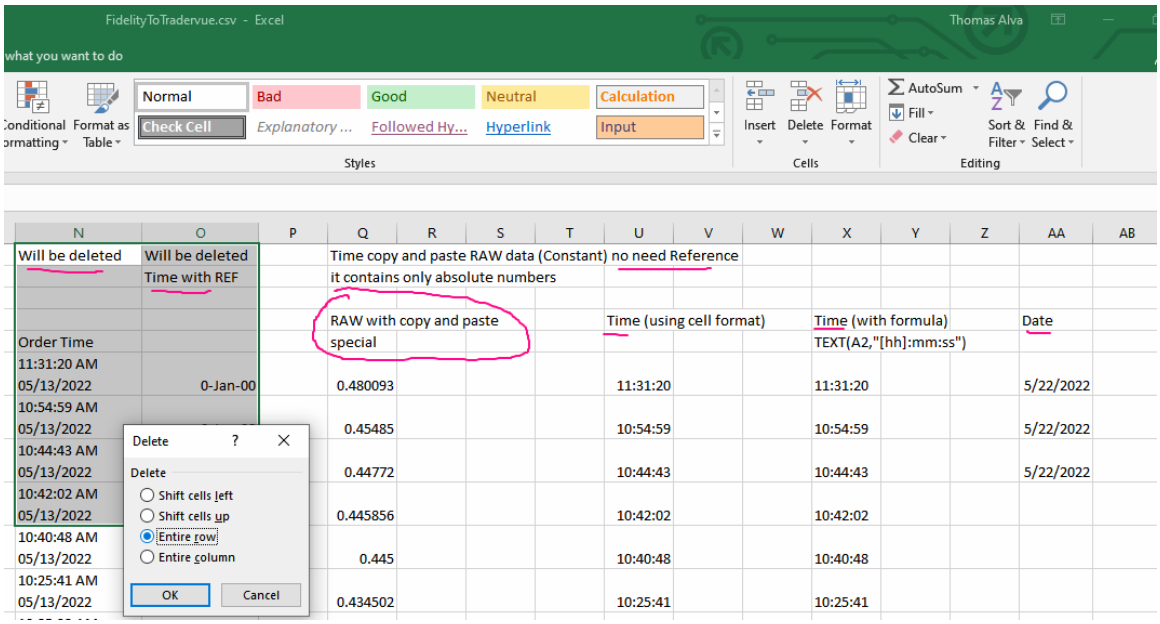
Local time zone:

(GMT-05:00) Eastern Time (US & Canada)

Option 1: import from a file

Choose File No file chosen Upload

Using format cell and formula TEXT(A2,”[hh]:mm:ss”) give the same result as you can see now the spreadsheet.csv has a new column Time and Date



File save this csv file to something like FidelityToTradervue.csv.

NOTE:

I spent one Saturday from 7AM to 7PM and half day to figure out how to do in Active Trader Pro to output the timestamp and wrote the report. Totally 2 days in the weekend.

The export csv does not have all columns populate missing Quantity and price….Fidelity will not provide it until 9:30 AM when market open

An error occurred during the import:

A Price column is required, but was not found in the import data.

This error occurred on line 4 of the input data. Get help.

when market open all columns will have per Tradervue required except timestamp is wrong that is why I was worked to make it work. Before market open

Symbol	Status	Order Tim	Order Typ	Trade Des	Account	TIF	Cancel Da	Quantity
SNMP	FILLED AT	07:23:35	Limit at $C	Sell 100 Li	ROLLOVEF	Day+	--	100
SNMP	FILLED AT	07:13:24	Limit at $C	Buy 100 Li	ROLLOVEF	Day+	--	100

more columns when market open this is what we want

Run Date	Action	Symbol	Security Descri	Security Type	Quantity	Price ($)	Commissi	Fees ($)	Accrued Ir	Amount ($)	Settlement Date	Order Time
05/13/202	YOU SOLD	VERU	VERU INC COM	Cash	-1	13.14		0.01		13.13	5/17/2022	11:31:20 AM
05/13/202	YOU BOU	VERU	VERU INC COM	Cash	1	14.27				-14.27	5/17/2022	10:54:59 AM

after we add a correct time stamp with data and time columns

Run Date	Action	Symbol	Security D	Security T	Quantity	Price ($)	Commissi	Fees ($)	Accrued Ir	Amount ($	Settlement Date	Time	Date
05/13/202	YOU SOLD	VERU	VERU INC	Cash	-1	13.14		0.01		13.13	5/17/2022	11:31:20	5/22/2022
05/13/202	YOU BOU	VERU	VERU INC	Cash	1	14.27				-14.27	5/17/2022	10:54:59	5/22/2022

A few notes about this data format:

- **Date**: highly recommended; if this column is omitted, the import date will be used for each execution. If present, the date MUST be in one of the following formats: mm/dd/yyyy, mm-dd-yyyy, yyyy/mm/dd, yyyy-mm-dd, yyyymmdd. Note that day-first formats are not supported.
- **Time**: highly recommended; if this column is omitted, 12:00:00 will be used as the execution time for each execution. This has a number of side effects - see Importing without execution times. If present, the time MUST be in HH:MM:SS format as shown, in 24-hour time. The time zone can be selected when importing.
- **Symbol**: required. For futures, the symbol can be in any of the following formats: ESZ1, ESZ11, ES DEC 11, ES Dec11, ES 12-11, or ES 12.11. For forex, use symbols like EURUSD.
- **Quantity**: required.
- **Price**: required.
- **Side**: optional; if side is omitted, the quantity should be negative to indicate a sell. If present, needs to start with a "B" or an "S" for buy or sell; acceptable examples are BOT, SLD, Buy, Sell, Short, etc.
- Either commas or tabs are acceptable as delimiters.
- The header row as shown above is highly recommended, but is optional if the columns are in the exact order shown above. If your columns are in a different order, the header is required. Various synonyms for the column names are accepted.

THE RESULT:

The output result with date and time

MULN

May 13, 2022 08:20

Shares traded: **900**
Closed P&L: **$-5.00** Add Notes

☐ Share trade

Tags:

Add Tags

Execution detail: Advanced >

Date/time	Symbol	Qty	Price	Position
2022-05-13 08:20:06	MULN	100	$1.070	100
2022-05-13 08:20:15	MULN	100	$1.040	200
2022-05-13 08:22:17	MULN	-100	$1.010	100
2022-05-13 08:24:15	MULN	100	$1.060	200
2022-05-13 08:27:28	MULN	-100	$1.070	100
2022-05-13 08:27:41	MULN	-100	$1.110	0
2022-05-13 08:32:43	MULN	100	$1.120	100
2022-05-13 08:36:37	MULN	-100	$1.070	0
2022-05-13 09:05:18	MULN	50	$1.120	50
2022-05-13 09:05:58	MULN	-50	$1.080	0

Price Action Running P&L

Chart size: Small Large

The input file csv from Fidelity active pro order reports for the 2022-05-13

Brokerage

Run Date	Action	Symbol	Security D	Security T	Quantity	Price ($)	Commissi	Fees ($)	Accrued Ir	Amount ($	Settlement Date
05/13/202	YOU SOLD	VERU	VERU INC	Cash	-1	13.14		0.01		13.13	5/17/2022
05/13/202	YOU BOU	VERU	VERU INC	Cash	1	14.27				-14.27	5/17/2022
05/13/202	YOU SOLD	VERU	VERU INC	Cash	-5	14.2		0.02		70.98	5/17/2022
05/13/202	YOU BOU	VERU	VERU INC	Cash	5	14.97				-74.85	5/17/2022

This procedure will create Time and Date for Tradervue Date is today using function as

=Today()

Order time has been deleted afterits data has been attracted for Time then it must delete because Order time has 12 hrs format has AM/PM will cause error when parse the csv file into Tradervue. Time format is 24 hrsHH:MM:SS will work with Tradervue.

Brokerage

Run Date	Action	Symbol	Security D	Security T	Quantity	Price ($)	Commissi	Fees ($)	Accrued Ir	Amount ($	Settlement Date	Date	Time
05/13/202	YOU SOLD	VERU	VERU INC	Cash	-1	13.14		0.01		13.13	5/17/2022	5/17/2022	11:31:20
05/13/202	YOU BOU	VERU	VERU INC	Cash	1	14.27				-14.27	5/17/2022	5/17/2022	12:31:20
05/13/202	YOU SOLD	VERU	VERU INC	Cash	-5	14.2		0.02		70.98	5/17/2022	5/17/2022	13:31:20
05/13/202	YOU BOU	VERU	VERU INC	Cash	5	14.97				-74.85	5/17/2022	5/17/2022	14:31:20