

# AlphaTraderUI Installation

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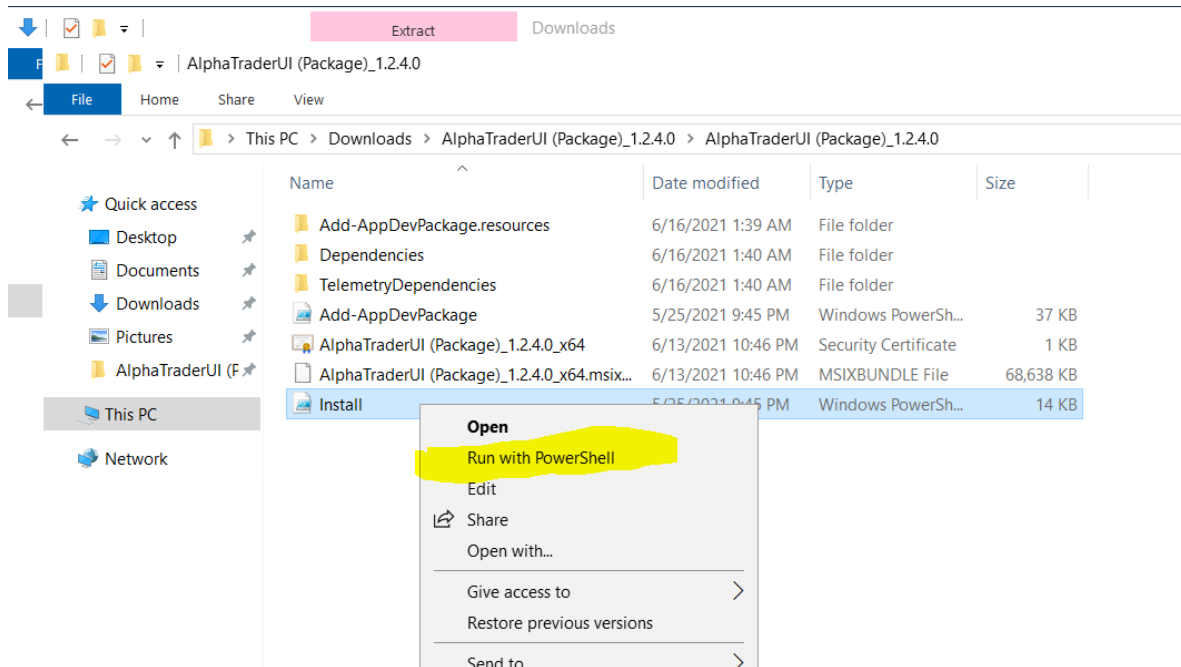
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AlphaTraderUI is a program intended to execute stock trading signals sent from AlphaHub.us. Use of this program is at user discretion.

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Latest version: v2.2.4.0

1. Download file [AlphaTraderUI Download Link](#)  
(Make sure the PDF is downloaded to activate the link)
2. Extract zip file (Right click on file, Extract All...)
3. Open extracted folder
4. You may be prompted to install .Net 5.0. Download and install the desktop version x64
5. Right click on Install and select Run with PowerShell



6. Execution Policy change -- Key in Y and press Enter
7. First time installs;
  - a. The script will prompt to enable developer mode in Windows. This allows applications to be sideloaded, bypassing the Windows Store. Select Developer Mode and then Yes at the next prompt.

## For developers

### Use developer features

These settings are intended for development use only.

[Learn more](#)

- ☐ Microsoft Store apps  
Only install apps from the Microsoft Store.
- ☐ Sideload apps  
Install apps from other sources that you trust, like your workplace.
- ☒ Developer mode  
Install any signed and trusted app and use advanced development features.

- b. Close Windows Settings

- c. Install the Certificate -- Key Y and press Enter. This is only during the first install, updates will not prompt for this.

8. The installation will take place and at the end the app will be installed. Press Enter

```
Administrator: Windows PowerShell

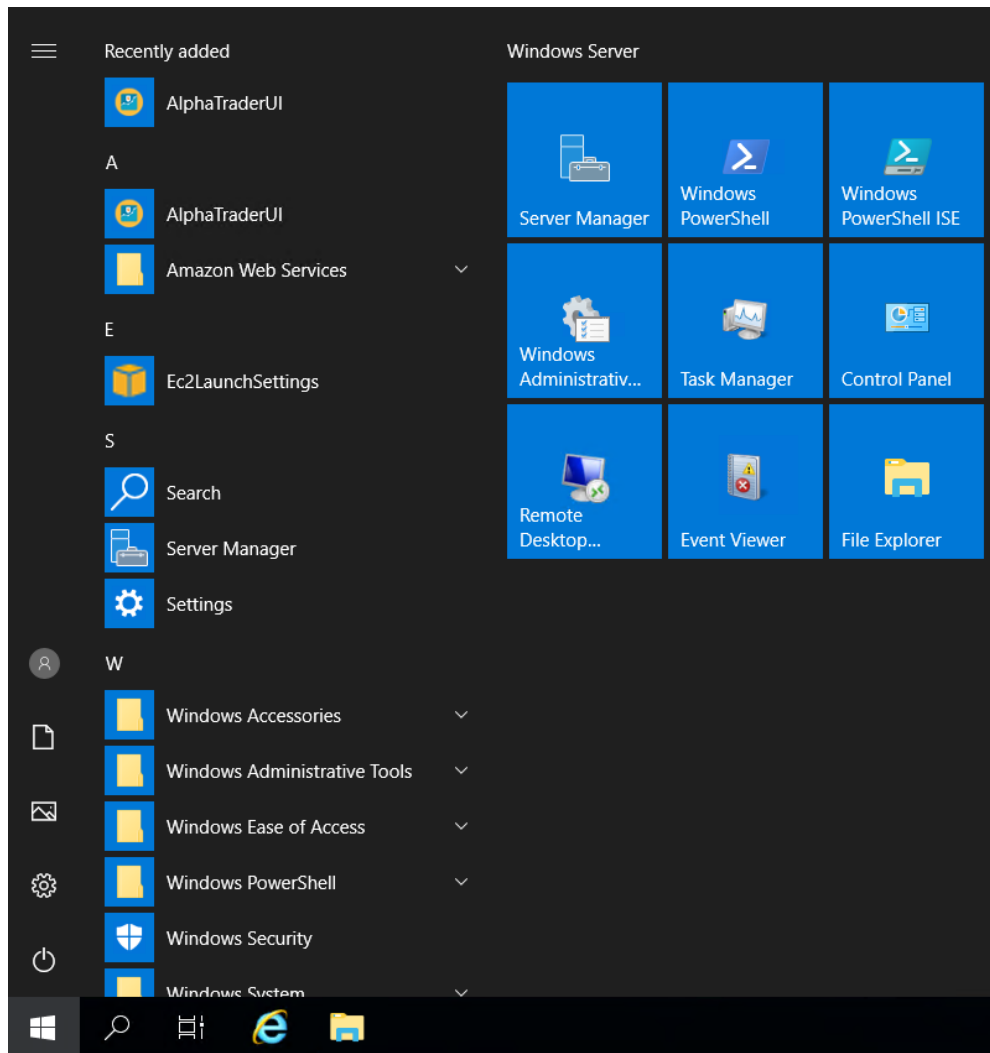
Execution Policy Change
The execution policy helps protect you from scripts that you do not trust. Changing the execution policy might expose
you to the security risks described in the about_Execution_Policies help topic at
https://go.microsoft.com/fwlink/?LinkID=135170. Do you want to change the execution policy?
[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "N"): y
Found bundle: C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Alph
aTraderUI (Package)_1.2.4.0_x64.msixbundle
Found certificate: C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Alph
aTraderUI (Package)_1.2.4.0_x64.cer

Before installing this app, you need to do the following:
- Acquire a developer license
- Install the signing certificate
A developer license was successfully acquired.
The certificate was successfully installed.

Installing app...
Found dependency package(s):
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x86\Micros
oft.ProjectReunion.0.5.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x86\Micros
oft.VCLibs.x86.14.00.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x86\Micros
oft.VCLibs.x86.14.00.Desktop.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x64\Micros
oft.ProjectReunion.0.5.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x64\Micros
oft.VCLibs.x64.14.00.appx
C:\Users\Administrator\Downloads\AlphaTraderUI (Package)_1.2.4.0\AlphaTraderUI (Package)_1.2.4.0\Dependencies\x64\Micros
oft.VCLibs.x64.14.00.Desktop.appx

Success: Your app was successfully installed.
Press Enter to continue...: 
```

9. A new windows app is installed called AlphaTraderUI



# AlphaTraderUI Configuration Settings

Start Trader - Starts the trader, will turn into Stop Trader button


AlphaHub Settings - General AlphaHub settings

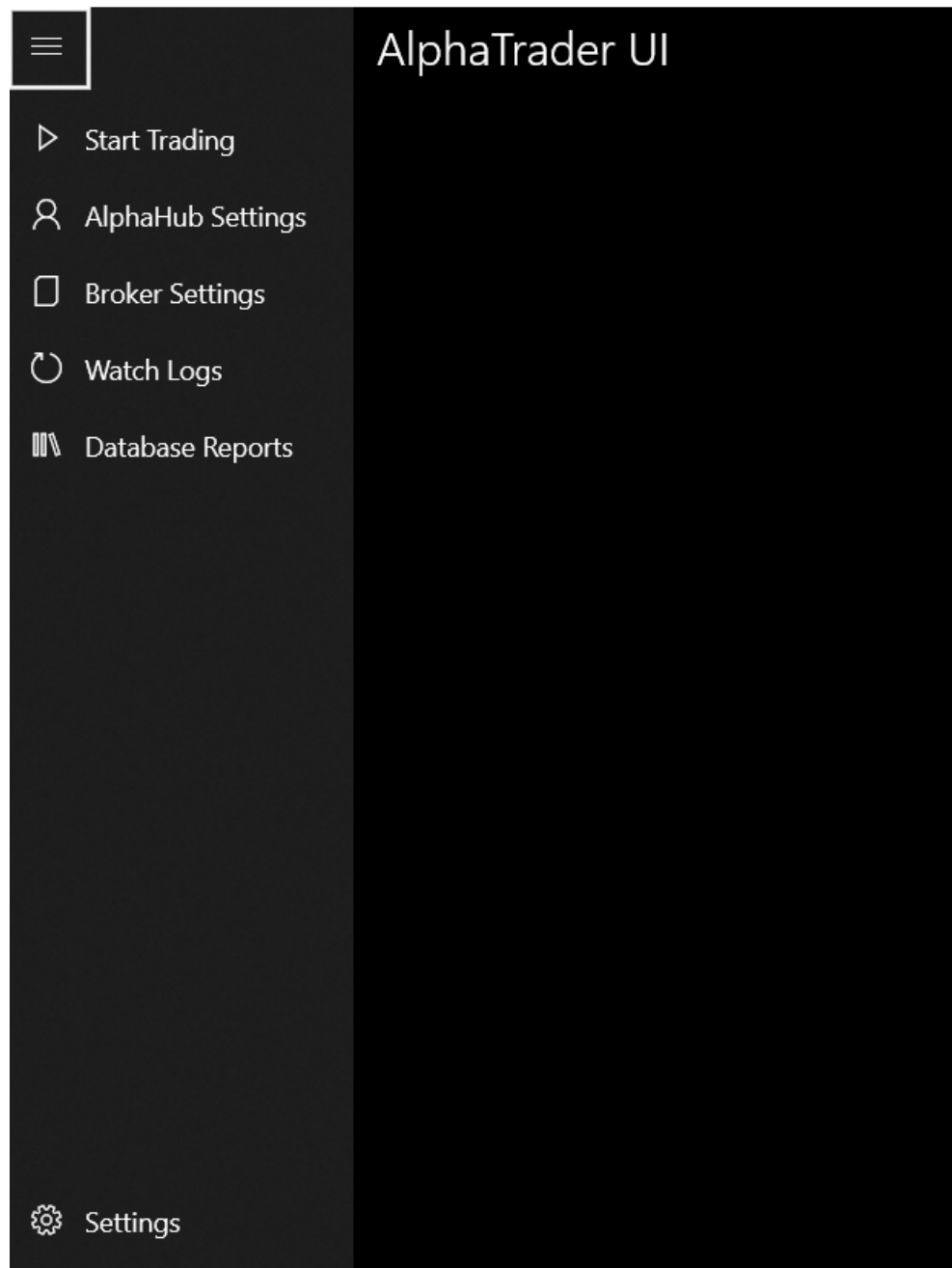
Broker Settings - Configure multiple broker configurations

Watch Logs - Displays information about downloading a program to watch the logs

Database Reports - Export trades with slippage or display trades on screen

Settings Button - Change the theme

 AlphaTraderUI



## AlphaHub Settings

ALPHA\_USERNAME -- Enter your AlphaHub Username

ALPHA\_PASSWORD -- Enter your AlphaHub Password

SLIPPAGE\_PERCENT -- Percent checked before executing a market OPEN order.

MONITOR\_SLIPPED\_ORDERS -- If an order is missed because of slippage, it will be monitored throughout the day to see if a market order could be placed later and remain under slippage %. Checks every 5 minutes.

CHECK\_MISSING\_TRADES -- Will query for missed signals. For example, issues with the web socket or if the trader was started later in the day. Checks every 5 minutes, normal limit first then market order under slippage apply.

\*\*\*Careful starting this during market hours, orders will be processed for any stock that the trader did not purchase\*\*\*

Auto-Start Trading on Startup

~~This would be used if a server was being hosted on a specific start/stop routine and the AlphaTraderUI app was moved into the Windows Startup process. This setting does not require a user to press the Start button.~~ This may not work as expected at the moment, better off starting manually and just let it run.

Save Configuration - Saves configuration to database

## Broker Settings

NAME -- Unique broker name

ENABLED -- Use broker configuration for signals enabled, or not if disabled

SIGNALS -- Algorithms to subscribe. Multiple signals can have a , separating them

Minotaur1 = 14 | Optimus 1 = 17 | The Optimizer = 18 | Minotaur 3 = 16

Optimus 2 = 22

Example: 14,17 This would subscribe to both Mino1/Opti1 at 50/50 trade amount

14,17,18 Heavier position in The Optimizer choice

BROKER -- Trading broker Values: ALPACA

TD Ameritrade

--ALPACA--

ACCOUNT TYPE -- Type of account

Values: PAPER

LIVE

ALPACA API KEY -- Live API key

ALPACA API SECRET -- Live Secret key

--TD Ameritrade--

TD App Consumer Key -- TDA Consumer Key

TD Refresh Token -- TDA Refresh Token

TD Account -- TDA Account (could be equity or IRA)

Refresh Token Expiration - Date of expiration. Nothing needs to be done but if you want you can refresh it here, it expires every 90 days. The trader with automatically refresh after 85 days.

TRADE\_AMOUNT -- Amount to trade, total. This amount would be divided between signals.

No punctuation in price, no commas. ALL is valid, example below

Examples: 10000 entered and subscribed to 14,17. Each signal would get 5000

ALL -- 99% of current portfolio value. Used to reinvest profits.

MARGIN -- Amount of margin to use as a multiplier. \*\*TRADE\_AMOUNT must be ALL\*\*

Example: 1.5 on an account of 10k would trade 15k

MARKET ORDER WAIT

CLOSE -- Time in seconds before canceling a limit order and placing a CLOSE market order

OPEN -- Time in seconds before canceling limit order and placing OPEN market order

Limit orders are monitored every 10 seconds to see if they have been filled. The timer is always running so orders placed will be turned into market orders within 10 seconds of the intended time



## USE ADAPTIVE TRADING

Max Slippage -- Maximum slippage in the wrong direction before placing a Market Order(based on last trade price)

No Order Placed Percent -- No order is placed if the price is too close to the suggested price. Price has no direction so it is unclear how fast to buy. Should be a small value

Split Chunks -- Total number of orders to send for buy/sell. Example, buying 90 shares with chunk size of 30 would be 3 shares per order. Remainders are added to the first sets of orders until the remainder is 0.

Long Wait -- Time to wait in seconds between orders if the stock is moving in a favorable direction

Short Wait -- Time to wait in seconds between orders if the stock is NOT moving in a favorable direction

Alpaca Paid Stream -- If using Alpaca for the broker, this option will be available. The paid stream is significantly better and more accurate than the 'free' stream that comes with Alpaca. If you are using Adaptive trading this is a highly suggested option that must be purchased through Alpaca.

SHORTING ALLOWED -- Does the broker allow shorting, or would you prefer not to short if the signals call for it

CLOSE BEFORE OPEN -- The close order will be placed and must be closed before the open order will be placed. Use this if no intra-day margin is available.

CLOSE EARLY -- Set a time to close the prior day's order ahead of the signal.

Previous / Next Broker -- Switch between the brokers saved within the database.

New Configuration - Create a new broker configuration

Save Configuration - Save the broker configuration

Delete Configuration - Delete the broker configuration(with confirm)

# Database Reports

**\*\*Most of the search criteria work in the UI, the export does export, but only follows the date range and filled price. \*\***

START DATE -- Date to start looking at orders in the database

STOP DATE -- Date to stop looking at orders in the database

BROKER -- Choose 'All' or select individual brokers for the reports

ALPHAHUB SIGNALS -- Choose 'All' or select individual algo signals

SLIPPAGE != 0 -- Only report orders that have a slippage != 0

Update Slippage Report -- Display in the trader the results from the search criteria.

Export Slippage Report -- Choose a file to export the CSV file to based on the search criteria

Grouped / Total slippage may need to be interpreted based on how many signals and brokers are being traded...

AlphaTraderUI

Start Trading

AlphaHub Settings

Broker Settings

Watch Logs

Database Reports

AlphaTrader UI

Start Date

Stop Date

Broker

AlphaHub Signals

August

30

2021

August

30

2021

All

All

Update Slippage Report

Export Slippage Report

☐ Slipped!=0

Grouped(Actual) Slippage: 0.10508


Total Slippage: 0.84060

% Good: 12.50%

% Bad: 87.50%

BrokerName	Algold	Symbol	Price	FilledPrice	SlippedPercent	BuySell	OpenClose	CreatedAtUtc	Status
Alpaca_Live	22	MNST	97.45	97.36567	0.08654	sell	Close	8/30/2021 9:42:17 AM	AdaptiveTrading
Alpaca_Live	22	MAR	134.55	134.67594	0.09360	buy	Open	8/30/2021 9:40:11 AM	AdaptiveTrading
TDA_Main	22	MAR	134.55	134.6832	0.09900	buy	Open	8/30/2021 9:40:11 AM	AdaptiveTrading
TDA_Main	22	MNST	97.45	97.48	-0.03079	sell	Close	8/30/2021 9:40:11 AM	AdaptiveTrading
Alpaca_Live	14	ULTA	385.98	385.09648	0.22890	sell	Close	8/30/2021 10:31:13 AM	AdaptiveTrading
Alpaca_Live	14	WDAY	272.24	272.41188	0.06314	buy	Open	8/30/2021 10:30:20 AM	AdaptiveTrading
TDA_Main	14	ULTA	385.98	385.13375	0.21925	sell	Close	8/30/2021 10:30:47 AM	AdaptiveTrading
TDA_Main	14	WDAY	272.24	272.4604	0.08096	buy	Open	8/30/2021 10:30:20 AM	AdaptiveTrading

## Screenshots

 AlphaTraderUI

☰

Start Trading

AlphaHub Settings

Broker Settings

Watch Logs

Database Reports

# AlphaTrader UI

AlphaHub Username:

AlphaHub Password:

Slippage Percent:

☒ Monitor Slipped Orders

☒ Check Missing Trades

☐ Auto Start

Save Configuration



- Start Trading
- AlphaHub Settings
- Broker Settings
- Watch Logs
- Database Reports

Settings

## AlphaTrader UI

Name:  ☒ Enabled

Signals:  Broker:

Account Type:

Alpaca API Key:

Alpaca API Secret:

Trade Amount:  Margin:

Market Order Wait:  Close Position:  Open Position:

☒ Use Adaptive Trading Max Slippage:  No Order Placed Percent:

☐ Alpaca Paid Stream Split Chunks:  Long Wait:  Short Wait:

☐ Shorting Allowed ☐ Close Before Open

☐ Close Early

Previous Broker

Next Broker

Current:

Total:

New Configuration

Save Configuration

Delete Configuration