Algo trader installation guide

# Python Prerequisites:

Requires python 3.7 to be installed on machine with according libraries

## Windows :

1. Install Chrome

2. Download Python 3.8.6:

<https://www.python.org/downloads/>

3. Install (with adding to path)

## Linux :

1. Install Chrome
2. Install Python

Sudo apt-get update

sudo apt install software-properties-common

sudo add-apt-repository ppa:deadsnakes/ppa

sudo apt install python3-pip

1. sudo apt update -y
2. sudo apt install python3.8

sudo update-alternatives --install /usr/bin/python3 python3 /usr/bin/python3.6 1

sudo update-alternatives --install /usr/bin/python3 python3 /usr/bin/python3.8 2

sudo update-alternatives --config python3

1. sudo apt-get install python3-pip

# Trader workstations (Linux- instructions on download screen)

1. Download TWS
2. Download ibkr Gateway
3. Adjust Setting:
4. Set time for restart:

Graphical user interface, text, application

Description automatically generated

1. Set API settings

Text

Description automatically generated

1. Dismiss confirmation:

Graphical user interface, text

Description automatically generated

Enable trading out of session:

Graphical user interface, text, application

Description automatically generated

# Validate Realtime data subscription

1. Tested with following data subscriptions:

Graphical user interface, text, application, Teams

Description automatically generated

1. Tested with following trading permissions:

Graphical user interface, application

Description automatically generated

# AlgoTrader installation

## Windows:

1. Download GIT : <https://git-scm.com/download/win>
2. Install – all default
3. Create AlgoTrader folder.
4. Open CMD in that folder

git clone <https://github.com/colaisr/algotrader.git>

1. Go to folder to install required packages

pip **install** -r **requirements**.**txt**

1. Go to <http://interactivebrokers.github.io>
2. Download api- install.
3. Go to C:/TWS – command line should run as administrator

**python setup.py install**

**run**

## Linux:

1. Download GIT :

sudo apt install git-all

1. Create AlgoTrader folder.
2. Open Terminal in that folder

git clone <https://github.com/colaisr/algotrader.git>

1. Go to folder to install required packages
2. pip3 install pyqt5==5.14.0

pip **install** -r **requirements**.**txt**

1. Go to <http://interactivebrokers.github.io>
2. Download api- install.
3. Go to C:/TWS – command line should run as administrator

**Sudo python setup.py install**