

## Price Scrape Quick User Guide

Bought to you by:  
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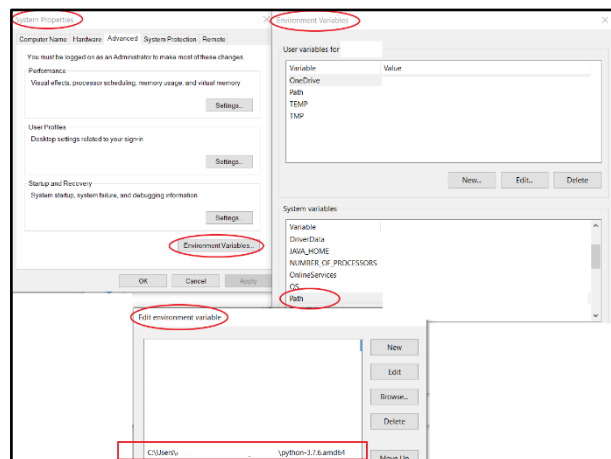
- 1) System Requirements & Built
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#### 1) System Requirements & Built

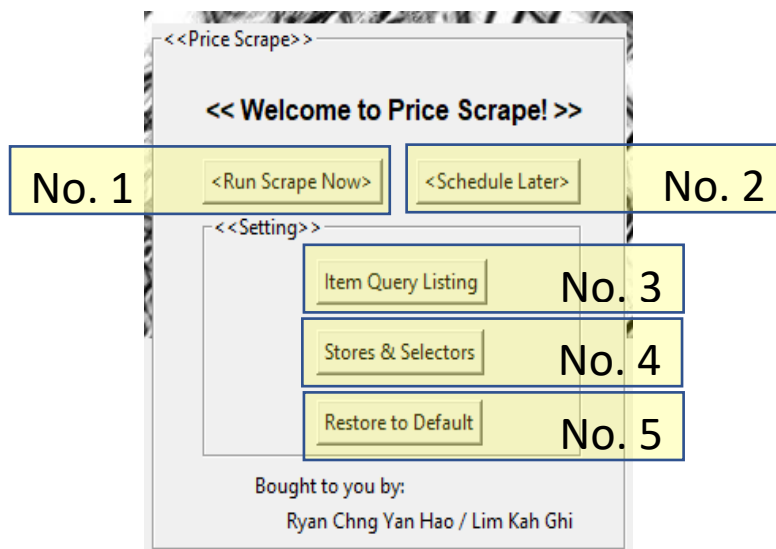
- i. Application is built under Windows 10 Pro OS
- ii. Internet connection required
- iii. Google Chrome Browser installed (recommended)
- iv. Python 3.7.6
- v. Packages
  - 1) - Web scraping : tagui
  - 2) - GUI : tkinter
  - 3) - Data and system related : os, datetime, re, schedule, time
  - 4) - Numbers and text : pandas, nltk, nltk (punkt & stopwords)
  - 5) - Images : PIL
- vi. Download PriceScrape.zip
- vii. Directory must not contain space in the path

#### 2) Deployment

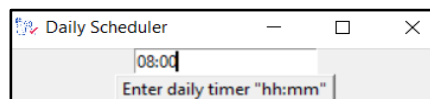
- i. Allow python to run from CMD.  
i.e. Windows OS: System properties  
-> Environment Variables -> Path ->  
Edit environment variable  
(Python path required)
- ii. Unzip PriceScrape.zip to any preferred location.
- iii. Click on PriceScrapeGUI.bat to start.  
(Windows OS)  
>> python UserInterface.py  
(Mac OS)



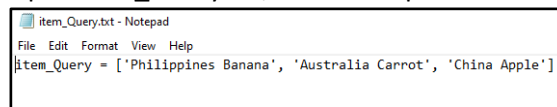
### 3) Using Price Scrape – User Interface



- No. 1, <Run Scrapie Now>: Execute PriceScrape.py, main algorithm.
- No. 2, <Schedule Later>: Trigger a popup, user can set “hh:mm”, execute PriceScrape.py daily at “hh:mm” (24-hour format, invalid input will cause scheduler to fail).



- **No. 3, Item Query Listing:** Open item Query.txt, user can input their item list here.



To add an item, replace last “]” with “, ‘Your Item’”

The list should look “['item1', 'item2', ..., 'itemN']”

Changing "item\_Query = " will cause malfunction

- No. 4, **Stores & Selectors**: Designed for **advanced users** to change scrape targets. Able to add more scraping objects too.

**timeOutThreshold:** wait time before going to next step

**itemCountThreshold:** max number of items user wish to scrape from first page



Users with TagUI / selectors knowledge may wish to change other settings here to better suit their needs.

- **No. 5, Restore to Default:** Trigger default item\_Query.txt & adv\_Setting.txt. Previous settings are stored into output folder.

--- End of Guide ---