

Before using the small program, please configure the environment variables according to the following requirements:

For windows:

1. install python: <https://www.python.org/downloads/windows/> ,and add it to the environment variable.
2. install pip: open the link:<https://pypi.org/project/pip/#files> ,download and unzip pip-*.tar.gz. Select the setup.py file: shift+right click, click here to open the command window, Run `python setup.py install`, after installation, remember to put the installation path into the Path environment.

3. install libraries: open an terminal window: Run

```
pip install pandas
pip install xlrd
pip install openpyxl
```

4. Install pyinstaller:open an terminal window!: Run

```
pip install pyinstaller
```

Enter the directory of the py file to be packaged for packaging(cd py): Run

```
pyinstaller gui.py function.py
pyinstaller -F gui.py
```

Finally, a folder and a **gui.exe** are generated under the dist folder of the current directory, double-clicking to run.

-----Environment configuration is complete-----

5. Now you see a graphic interface, please enter the **“Inventory Status-20210614-2 (1).xlsx”** as the main excel, **“Warehouse Floorplan NEW (1).xlsx”** as the secondary excel, and enter a new name (final.xlsx) for a new excel. Clicking ‘Start’ and ‘OK’ buttons to end the program.

Please make sure that the two starting files and **gui.exe** are in the same path.

For Mac:

1. repeat steps #1-#3.
2. open an terminal window, run:

```
python gui.py
```
3. repeat step #5