How to install Robot Framework on windows

Python+pip configuration+Robot framework+wxPython+RIDE

Step by step documentation on how to install robot framework on windows PC

1. Install latest python version 2 https://www.python.org/downloads/windows/
2. Add environmental variable, go to the folder where Python is installed and copy the folder path
3. Go to This PC and right-click and select properties
4. Once you are in properties, look for advanced system settings and click on it.
5. Then select the environmental variables option.
6. Press P, then you will see Path, double click on Path, and press on the new button.
7. Paste the folder path copied before for the Python.
8. Press save and say okay, okay
9. Go to cmd and type

```
python --version
```

10. You must see the python version installed, which means you have successfully installed python into your system.
11. Now in the same command prompt run ->

```
pip install robotframework
```

12. If that works then no issues, if it doesn't work, then you have to set up another environmental variable.
13. Go to the python folder and inside it find Scripts folder and then copy the path, in my case it was C:\Python27\Scripts(important is you have /Scripts, no matter what you have before that) because pip is installed inside Scripts folder so we need to specify this path in the env variables too.
14. Again go to properties, advanced settings and then edit the Path and set the copied path, and save.
15. Now close the command prompt, reopen and run
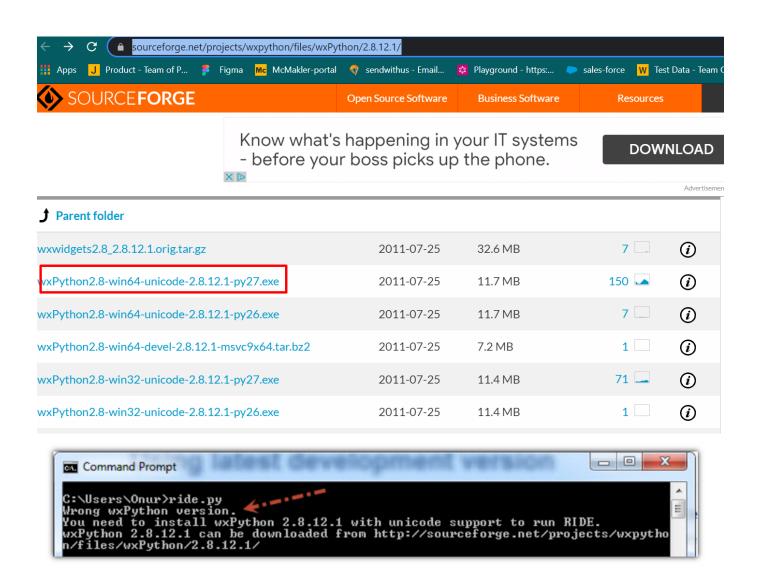
```
pip install robotframework
```

16. It will take 2 mins for installation and then upgrade the version if it gives you an alert, run below upgrade command python -m pip install -U pip
17. Check if all working using the below commands

```
18. robot --version
```

```
19. rebot --version
```

20. If any of the commands are not working please check your env variables are properly set
21. Now the next step is to install wxPython to install the ride.
22. Go to https://sourceforge.net/projects/wxpython/files/wxPython/2.8.12.1/ and install below version
23. If you install the wrong version of wxPython you will get the below error

↰ **Parent folder**

wxwidgets2.8_2.8.12.1.orig.tar.gz	2011-07-25	32.6 MB	7 ▢	ⓘ
wxPython2.8-win64-unicode-2.8.12.1-py27.exe	2011-07-25	11.7 MB	150 ◣	ⓘ
wxPython2.8-win64-unicode-2.8.12.1-py26.exe	2011-07-25	11.7 MB	7 ▢	ⓘ
wxPython2.8-win64-devel-2.8.12.1-msvc9x64.tar.bz2	2011-07-25	7.2 MB	1 ▢	ⓘ
wxPython2.8-win32-unicode-2.8.12.1-py27.exe	2011-07-25	11.4 MB	71 ◣	ⓘ
wxPython2.8-win32-unicode-2.8.12.1-py26.exe	2011-07-25	11.4 MB	1 ▢	ⓘ

```
Command Prompt
C:\Users\Onur>ride.py
Wrong wxPython version.  ◀----
You need to install wxPython 2.8.12.1 with unicode support to run RIDE.
wxPython 2.8.12.1 can be downloaded from http://sourceforge.net/projects/wxpytho
n/files/wxPython/2.8.12.1/
```

24. Now finally RIDE can be installed using the following command pip install

```
robotframework-ride
```

After installation :

- You need the magical keywords to start righting the test cases, which you will get by downloading seleniumLibrary from here https://githu b.com/robotframework/SeleniumLibrary/ , run the command given.
- Once you have seleniumLibrary it's also time to download chrome webdriver if you want to automate chrome browser. Download from here any latest version available, https://sites.google.com/chromium.org/driver/
- Once you start to write your new test cases, it may happen that you don't find some keywords which you were looking to write the test case, in this case, please run the command `pip install psutil`
- If you have the latest version of python which is above 3XXX then please download the RIDE using this command `install --pre robotframework-ride` it will help you to remove all discrepancies.