

Image to text conversation: Installation guidelines

Version:1.0

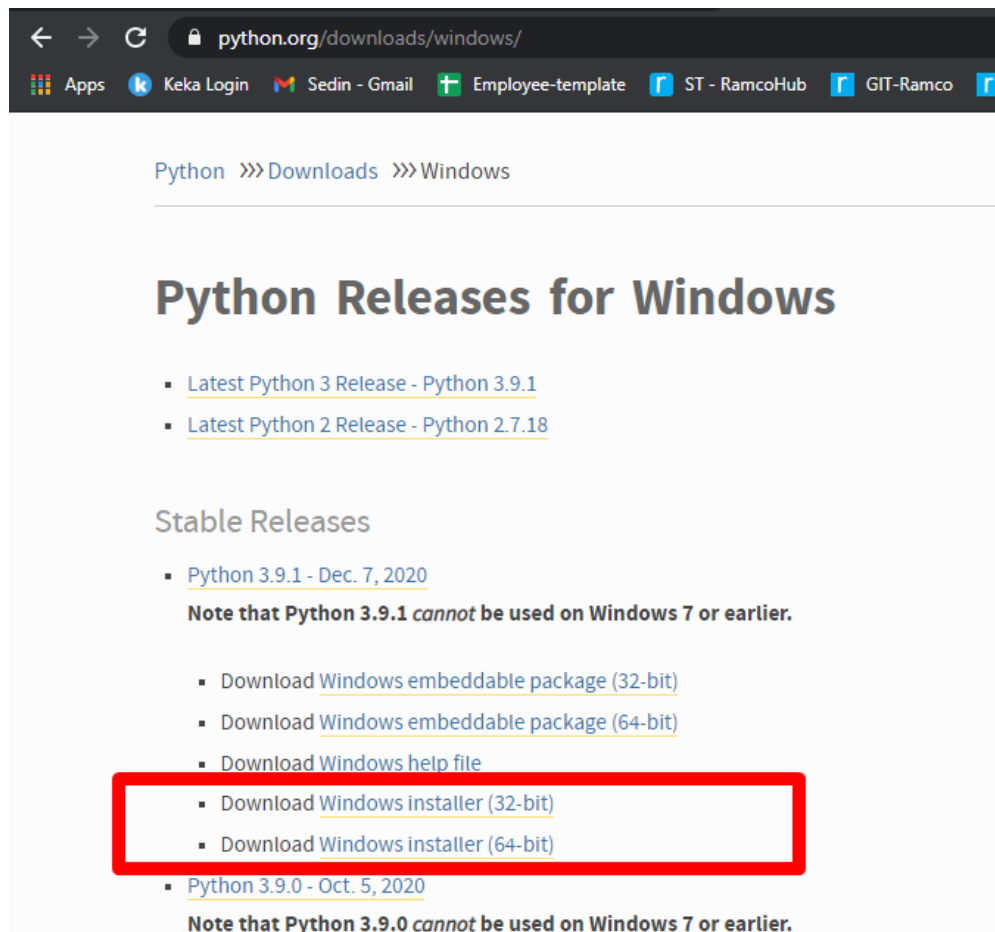
Step-01 :

Installation – One time process:

The below requirements need to be installed before running the application.

1. Python version 3+ -

- Source link : <https://www.python.org/downloads/>
- Download the any of the links based on your system configuration



2. Tesseract -

- Source link : <https://github.com/UB-Mannheim/tesseract/wiki>

- **Download** any one of the links based upon your system configuration as shown in the image.

Normally we run Tesseract on Debian GNU Linux, but there was also the need for a Windows version. That's why we have built a Tesseract installer for Windows.

WARNING: Tesseract should be either installed in the directory which is suggested during the installation or in a new directory. The uninstaller removes the whole installation directory. If you installed Tesseract in an existing directory, that directory will be removed with all its subdirectories and files.

The latest installers can be downloaded here:

- [tesseract-ocr-w32-setup-v5.0.0-alpha.20201127.exe](#) (32 bit) and
- [tesseract-ocr-w64-setup-v5.0.0-alpha.20201127.exe](#) (64 bit) resp.

We don't provide an installer for Tesseract 4.1.0 because we think that the latest version 5.0.0-alpha is better for most Windows users in many aspects (functionality, speed, stability). Version 4.1 is only needed for people who develop software based on the Tesseract API and who need 100 % API compatibility with version 4.0.

There are also [older versions](#) available.

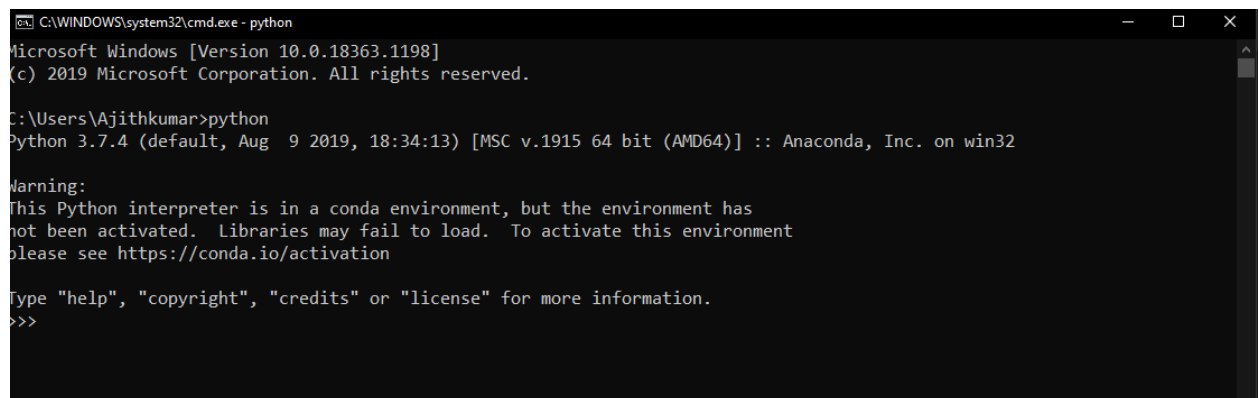
In addition, we also provide [documentation](#) which was generated by Doxygen.

History

- [2020-11-27](#) Update Tesseract 5.0.0 (alpha)

Checking of correct installation:

1. **Python** – type python and hit enter in a command prompt as shown in the image.



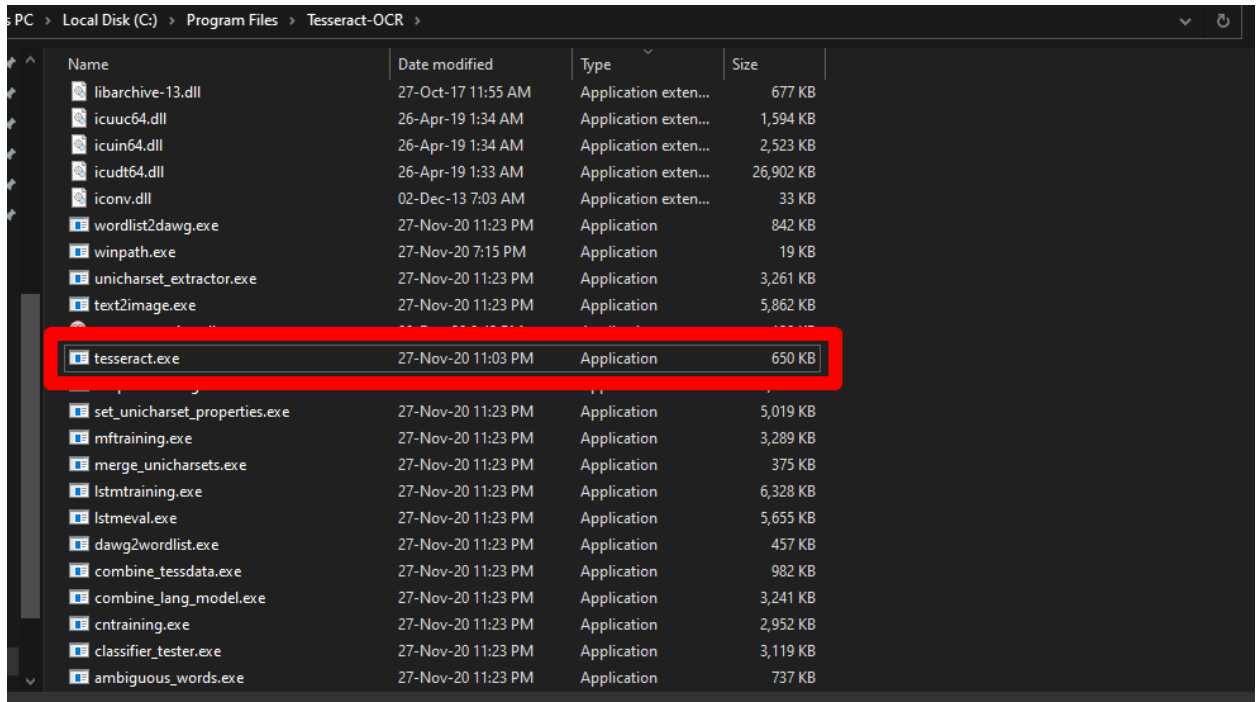
```
C:\WINDOWS\system32\cmd.exe - python
Microsoft Windows [Version 10.0.18363.1198]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Ajithkumar>python
Python 3.7.4 (default, Aug 9 2019, 18:34:13) [MSC v.1915 64 bit (AMD64)] :: Anaconda, Inc. on win32

Warning:
This Python interpreter is in a conda environment, but the environment has
not been activated. Libraries may fail to load. To activate this environment
please see https://conda.io/activation

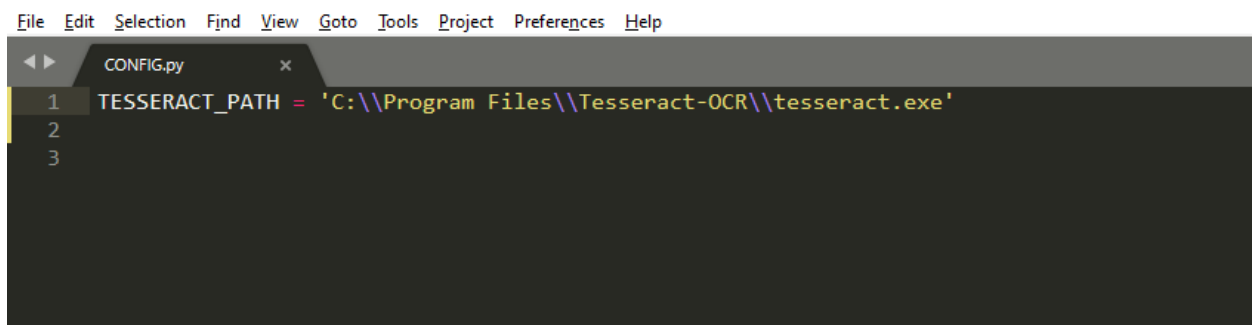
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

2. Tesseract – Check the installed directory in C drive.



- Copy the above c drive path to the file “**CONFIG.py**”

Note: use double slash for the path



We have successfully installed the requirements

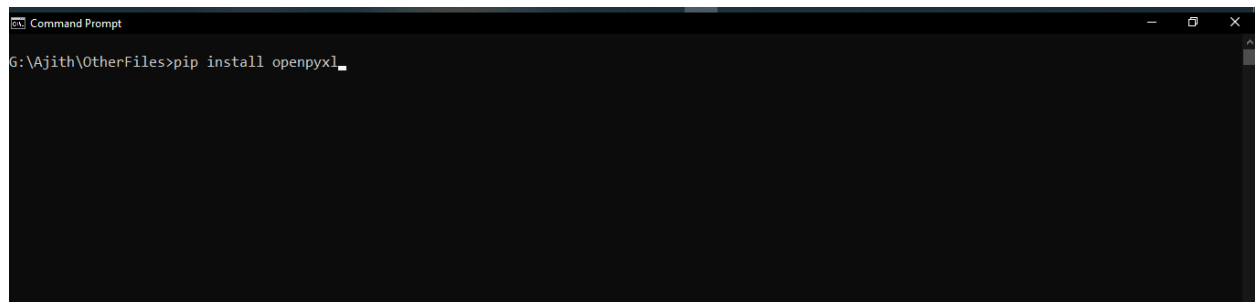
Step-02:

Python package installation – one time process after software installation:

Run the below commands one after another (if you get any error based on you network connectivity , please re run the command)

- Pip install openpyxl
- Pip install pyinstaller
- Pip install pytesseract

As shown in the below image , run the 3 commands one after another



```
Command Prompt
G:\Ajith\OtherFiles>pip install openpyxl_
```

Now we have installed all the necessary items for this software !