

Installation Instructions

-Install Python versions 3.4 and higher

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

-Install Java JRE 8 and higher

<https://www.oracle.com/technetwork/java/javase/downloads/index.html>

-Download this python script to install pip

<https://bootstrap.pypa.io/get-pip.py>

-Run python script in command line to install pip for local user

`python get-pip.py --user`

-Run pip command to install opencv for local user

`python -m pip install opencv-python --user`

-Run pip command to install Python-tesseract for local user

`python -m pip install pytesseract --user`

-Install Tesseract

Linux:

`sudo apt install tesseract-ocr`

Mac:

`sudo port install tesseract`

`sudo port install tesseract-eng`

Windows:

Download the installer here:

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

Make sure to keep the installation location as the default
(likely "C:\Program Files\Tesseract-OCR")

Troubleshooting:

-If "python" command is not found try

`Python3 ...`

-Run pip command to install numpy for local user if python script cannot find numpy library

```
python -m pip install numpy --user
```

-Change directories to the pip installation if pip command can't be found

```
cd .local/bin
```

-If you get the "Need Visual C++ 14.0" then download the visual build tools the update the pip setuptools using

```
python -m pip install --upgrade setuptools
```

-Install Tesseract and training data following the instructions here

<https://github.com/tesseract-ocr/tesseract/wiki>

-Edit Tesseract location in Python Script if the OS is Windows