

DEPENDENCIES

| Packages | Installation |
|----------|---|
| Python 3 | <code>sudo apt-get install python3</code> |
| PIP 3 | <code>sudo apt-get install python3-pip</code> |

| Python libraries | Installation |
|------------------|--|
| Caffe | For Ubuntu or derivatives ≥ 17.04: <ul style="list-style-type: none"><code>sudo apt install caffe-cpu</code> (CPU-only version)<code>sudo apt install caffe-cuda</code> (GPU version needs CUDA) |
| Keras | <code>pip3 install keras</code> |
| Tensorflow | <ul style="list-style-type: none"><code>pip3 install tensorflow</code> (CPU-only version)<code>pip3 install tensorflow-gpu</code> (GPU version needs CUDA) |
| Scikit-Learn | <code>pip3 install scikit-learn</code> |
| Scikit-Image | <code>pip3 install scikit-image</code> |
| Numpy | <code>pip3 install numpy</code> |
| Scipy | <code>pip3 install scipy</code> |
| Matplotlib | <code>pip3 install matplotlib</code> |
| PIL | <code>pip3 install pillow</code> |
| H5py | <code>pip3 install h5py</code> |
| Panda | <code>pip3 install pandas</code> |
| Imageio | <code>pip3 install imageio</code> |
| Xlsxwriter | <code>pip3 install xlsx</code> |
| Progressbar | <code>pip3 install progressbar2</code> |