Installing Requirements for Computer Vision

Mac Users

Installing Python

Most mac users should already have python installed. To check type python in the terminal and you should be able to see the Python interpreter. In the rare case that you do not have python installed type the following in the terminal:

brew install python

Installing Numpy and Scipy

Type the following commands in the terminal. - pip install numpy - pip install scipy

In case you do not have pip installed, please follow the instructions from here: Installing Pip

Installing OpenCV

Type the following command in the terminal:

brew install opencv3 --with-contrib --HEAD

To check if OpenCV was installed successfully, type python in the terminal. Once the python interpreter is up, type the following

>>> import cv2

You should not see any errors after the import. That means OpenCV was installed successfully.

Linux Users

Ignore the next line if you are using Ubuntu, Mint, Arch linux.

This should work for Ubuntu, Mint, Arch linux users. Other distributions which have different package management should use the equivalent of aptitude.

Installing Python

Most mac users should already have python installed. To check type python in the terminal and you should be able to see the Python interpreter. In the rare case that you do not have python installed type the following in the terminal:

sudo apt-get install python
Installing Numpy and Scipy

Type the following commands in the terminal: - pip install numpy - pip install scipy

In case you do not have pip installed, please follow the instructions from here: Installing Pip

Installing OpenCV

Type the following command in the terminal:

brew install python-opencv3

To check if OpenCV was installed successfully, type python in the terminal. Once the python interpreter is up, type the following

>>> import cv2

You should not see any errors after the import. That means OpenCV was installed successfully.