

Installing OpenCV

What is OpenCV

OpenCV is a widely used library of functions that are useful for visual processing. These functions allow you to quickly modify or recognise objects in the image. OpenCV is applied in face recognition¹, object recognition using edge detectors² and much more.

Installing OpenCV

OpenCV has many versions and even more ways to install them, navigation them can be very confusing so here are some links to various installation guides.

- Intalling OpenCV 3.1.0 on windows for python http://docs.opencv.org/3.1.0/d5/de5/tutorial_py_setup_in_windows.html
- A bash script for OpenCV on python for Linux (works on more than just Ubuntu) <https://github.com/jayrambhia/Install-OpenCV>. If you want to install on Ubuntu 14.04 instead of 16.04 you should revert to a previous commit.
- A pip python package which I would say is the easiest way to work with OpenCV. <https://pypi.python.org/pypi/opencv-python>.
- For C++ on windows you can use the official installation guide http://docs.opencv.org/2.4/doc/tutorials/introduction/windows_install/windows_install.html#windows-installation

¹http://docs.opencv.org/2.4/modules/contrib/doc/facerec/facerec_tutorial.html

²http://docs.opencv.org/2.4/doc/tutorials/imgproc/imgtrans/canny_detector/canny_detector.html