ubuntu@tegra-ubuntu:~/Downloads$ nvcc -V

nvcc: NVIDIA (R) Cuda compiler driver

Copyright (c) 2005-2014 NVIDIA Corporation

Built on Tue\_Feb\_17\_22:53:16\_CST\_2015

Cuda compilation tools, release 6.5, V6.5.45

# sudo apt-get install python-pip

# sudo pip install --upgrade pip

ubuntu@tegra-ubuntu:~/Downloads$ sudo pip install ./tensorflow-0.8.0-cp27-none-linux\_armv7l.whl

/usr/local/lib/python2.7/dist-packages/pip/\_vendor/requests/\_\_init\_\_.py:83: RequestsDependencyWarning: Old version of

cryptography ([1, 2, 3]) may cause slowdown.

warnings.warn(warning, RequestsDependencyWarning)

The directory '/home/ubuntu/.cache/pip/http' or its parent directory is not owned by the current user and the cache has been

disabled. Please check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.

The directory '/home/ubuntu/.cache/pip' or its parent directory is not owned by the current user and caching wheels has been

disabled. check the permissions and owner of that directory. If executing pip with sudo, you may want sudo's -H flag.

Processing ./tensorflow-0.8.0-cp27-none-linux\_armv7l.whl

Collecting protobuf==3.0.0b2 (from tensorflow==0.8.0)

Downloading

https://files.pythonhosted.org/packages/00/8e/9a3feb39d464eb7aacc108e6e6e1f2368ec741821486964c4cd0f41baabb/protobuf-3.0.0b2-

py2.py3-none-any.whl (326kB)

100% |████████████████████████████████| 327kB 2.3MB/s

Requirement already satisfied: wheel in /usr/lib/python2.7/dist-packages (from tensorflow==0.8.0) (0.29.0)

Requirement already satisfied: numpy>=1.8.2 in /usr/lib/python2.7/dist-packages (from tensorflow==0.8.0) (1.11.0)

Requirement already satisfied: six>=1.10.0 in /usr/lib/python2.7/dist-packages (from tensorflow==0.8.0) (1.10.0)

Requirement already satisfied: setuptools in /usr/lib/python2.7/dist-packages (from protobuf==3.0.0b2->tensorflow==0.8.0)

(20.7.0)

Installing collected packages: protobuf, tensorflow

Successfully installed protobuf-3.0.0b2 tensorflow-0.8.0

ubuntu@tegra-ubuntu:~/Downloads$ python

Python 2.7.12 (default, Dec 4 2017, 14:50:18)

[GCC 5.4.0 20160609] on linux2

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

>>> import tensorflow

I tensorflow/stream\_executor/dso\_loader.cc:105] successfully opened CUDA library libcublas.so locally

I tensorflow/stream\_executor/dso\_loader.cc:105] successfully opened CUDA library libcudnn.so locally

I tensorflow/stream\_executor/dso\_loader.cc:105] successfully opened CUDA library libcufft.so locally

I tensorflow/stream\_executor/dso\_loader.cc:105] successfully opened CUDA library libcuda.so.1 locally

I tensorflow/stream\_executor/dso\_loader.cc:105] successfully opened CUDA library libcurand.so locally

#