1.切换python版本：

sudo update-alternatives --install /usr/bin/python python /usr/bin/python2 100

sudo update-alternatives --install /usr/bin/python python /usr/bin/python3 150

sudo update-alternatives --config python

2.pip

sudo apt-get install python3-pip

sudo apt-get install python-pip

3.sudo dpkg -i xxxx.deb

tar -xzvf xxxx.tar.gz /xxx/xx/.. (解压)

4.安装搜狗输入法:

http://blog.csdn.net/leijiezhang/article/details/53707181

5.蓝灯安装

https://github.com/getlantern/lantern

　　https://zhidao.baidu.com/question/2268944455793962908.html

6.Tensorflow-gpu

sudo apt-get install nvidia-xxx

…

sudo pip3 install tensorflow-gpu

对应版本sudo apt-get install cuda8.0 ## **tensorflow-gpu 1.4.0 --- cuda8.0 ---cudnn6**

http://blog.csdn.net/seven\_year\_promise/article/details/78390882 #资源

<http://blog.csdn.net/u014595019/article/details/53732015> # 教程

7.运行bin文件

sudo chmod +x xxxx.bin

sudo ./xxx.bin

1. **安装mujoco**

[https://github.com/openai/mujoco-py](https://github.com/openai/mujoco-py/)

##Mjpro安装位置在（~/.mujoco）---更换key.txt （期限1年）

python 3.5.2

Mjpro131 对应 mujoco 0.5.7版本

Mjpro150 对应mujoco 1.5.0版本

安装gym[all]时 会自动安装 mujoco 0.5.7(只需配置好Mjpro)

// pip3 install mujoco-py==0.5.7

#测试

import gym

env = gym.make("Humanoid-v1")

env.reset()

for i in range(1000):

env.render()

env.step(env.action\_space.sample())

1. **安装gym-gazebox**

[https://github.com/erlerobot/gym-gazebo/blob/master/INSTALL.md#ubuntu-1604](https://github.com/erlerobot/gym-gazebo/blob/master/INSTALL.md" \l "ubuntu-1604)

http://blog.csdn.net/zhangdadadawei/article/details/78906103

Basic requirements:

ROS Kinetic (/rosversion: 1.12.7)

Gazebo 8.1.1

Python 3.5.2

OpenCV3, installed from sources for Python 3

OpenAI gym

①Ros Kinetic ---(Ubuntu16.04) ## Ros Indigo --ubuntu 14.04

\*\*\* 需要在Python2环境下安装×××过程中可能需翻墙×××

<http://blog.csdn.net/weicao1990/article/details/52575314>

<http://wiki.ros.org/kinetic/Installation/Ubuntu>

②Gazebo

<http://gazebosim.org/tutorials?tut=install_ubuntu&cat=install>

③ OpenCV

sudo pip3 install opencv-python