**树莓派上python sdk的安装使用教程**

**版本v1.0.0**

1. 系统环境准备**：**

**Ensure that the Raspberry Pi environment is 64bit:**

**Command window input:**

getconf LONG\_BIT

Return: 64, if not install the

**64bit system according to the following method**

**64bit system mirror：**<https://www.raspberrypi.org/forums/viewtopic.php?f=117&t=275370>

**System installation tutorial：**<https://blog.csdn.net/zuoguaishouxiao/article/details/106496323>

Install related dependent software:

Expand the virtual memory of the Raspberry Pi to avoid insufficient memory:

$ sudo dphys-swapfile swapoff

$ sudo sed -i 's:CONF\_SWAPSIZE=.\*:CONF\_SWAPSIZE=2048:g' /etc/dphys-swapfile

$ sudo reboot

Download the installation script and perform the following operations in the script directory

*$ chmod +x \*.sh*

$ ./download-opencv.sh

$ ./install-deps.sh

$ ./build-opencv.sh

$ cd ~/opencv/opencv-4.1.2/build

$ sudo make install

### 三、installation python sdk

**robomaster whl package installation**：

You may need to install a bunch of dependencies, some of which are rather stubborn to get like h5py:

<https://github.com/dji-sdk/RoboMaster-SDK/issues/41>

Install all dependencies in the comment

<https://stackoverflow.com/questions/37778299/cannot-install-h5py>

# Look at the first comment with the sudo apt-get installation

$ pip3 install robomaster