

Ubuntu18.04安装opencv3.2

安装包：

opencv3.2.0

opencv-contrib3.2.0

百度网盘下载：<https://pan.baidu.com/s/1Mjq1n6Yj62iwVqLFgfULkQ>

提取码：czeu

官网下载：

<https://github.com/opencv/opencv/archive/3.2.0.tar.gz>

https://github.com/opencv/opencv_contrib/archive/3.2.0.tar.gz

安装过程

安装依赖

```
1 sudo apt-get install cmake libgtk2.0-dev libavcodec-dev libavformat-dev  
libjpeg-dev libpng-dev libtiff-dev libtiff5-dev libswscale-dev libjasper-dev  
libcurl4-openssl-dev libtbb2 libdc1394-22-dev
```

出现无法定位libjasper1 libjasper-dev

```
1 sudo add-apt-repository "deb http://security.ubuntu.com/ubuntu xenial-security  
main"  
2 sudo apt update  
3 sudo apt install libjasper1 libjasper-dev
```

解压之后在opencv3.2中建立build文件夹

```
mkdir build && cd build
```

配置文件

```
1 cmake -D CMAKE_BUILD_TYPE=Release -D OPENCV_GENERATE_PKGCONFIG=ON -D  
ENABLE_PRECOMPILED_HEADERS=OFF CMAKE_INSTALL_PREFIX=/usr/local/opencv3.2  
OPENCV_EXTRA_MODULES_PATH=/home/x/ivrc_ws/dependent_6t/dependence/opencv3.2/ope  
ncv_contrib-3.2.0/modules ..
```

安装：

```
1 make -j8  
2 sudo make install
```

配置OpenCV库

```
1 sudo gedit /etc/ld.so.conf.d/opencv.conf
```

添加OpenCV安装路径

```
1 export SNOPT_HOME=/usr/local/lib/
```

配置文件更新

```
1 sudo ldconfig
```

报错：

找不到lapacke.h

```
1 fatal error: LAPACKE_H_PATH-NOTFOUND/lapacke.h: 没有那个文件或目录  
2 #include "LAPACKE_H_PATH-NOTFOUND/lapacke.h"
```

找到这一行代码将之修改为

```
1  #include "lapacke.h"
```