树莓派 移动检测物体检测

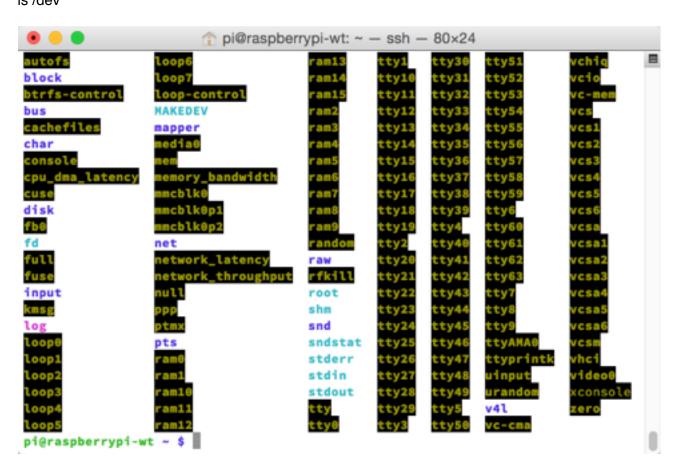
3120103973 计科1207 王涛

1. 使用命令

sudo apt-get install motion 安装motion

```
pi@raspberrypi-wt ~ $ sudo apt-get install motion
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  ffmpeg libav-tools libavdevice53 libavfilter2 libavfilter3 libavresample1
  libmysqlclient18 libopencv-core2.3 libopencv-imgproc2.3 libpq5 mysql-common
Suggested packages:
  frei0r-plugins mysql-client postgresql-client
The following NEW packages will be installed:
  ffmpeg libav-tools libavdevice53 libavfilter2 libavfilter3 libavresample1
  libmysqlclient18 libopencv-core2.3 libopencv-imgproc2.3 libpq5 motion
  mysql-common
0 upgraded, 12 newly installed, 0 to remove and 3 not upgraded.
Need to get 6,249 kB of archives.
After this operation, 18.0 MB of additional disk space will be used.
Do you want to continue [Y/n]? y
Get:1 http://mirrors.zju.edu.cn/raspbian/raspbian/ wheezy/main libopencv-core2.3
 armhf 2.3.1-11 [707 kB]
Get:2 http://mirrors.zju.edu.cn/raspbian/raspbian/ wheezy/main libopencv-imgproc
2.3 armhf 2.3.1-11 [672 kB]
```

2. 查看摄像头设备是否已经安装好了 ls /dev



发现我们已经找到了video0,说明设备已经被识别了

3. 更改motion配置

```
# Start in daemon (background) mode and release terminal (default: off) daemon on
```

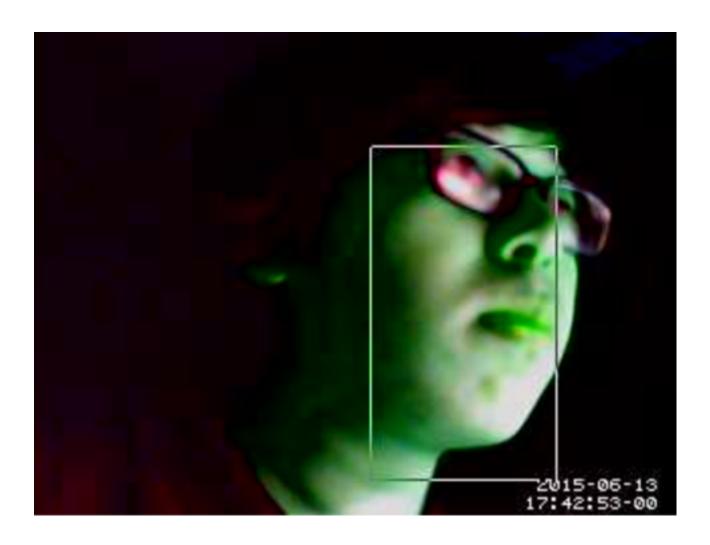
修改/etc/motion/motion.conf文件,将守护进程开启

```
GNU nano 2.2.6
                                                                   Modified
                            File: motion.conf
# Restrict webcam connections to localhost only (default: on)
webcam_localhost off
# Limits the number of images per connection (default: 0 = unlimited)
# Number can be defined by multiplying actual webcam rate by desired number of $
# Actual webcam rate is the smallest of the numbers framerate and webcam_maxrate
webcam_limit 0
不仅只是本地服务器
# set to 'yes' to enable the motion daemon
start_motion_daemon=yes
将/etc/default/motion中的守护改为开启
313 # Set to 'preview' will only draw a box in preview_shot pictures.
314 locate on
315
设置成为检测到物体运动,就用框框住
```

4. 开启服务

sudo service motion start

然后如下 在浏览器中输入 192.168.1.182:8081 可以得到下图



的确检测到了图像,同时运动检测到了运动;

至此,运动检测服务器搭建完成