
주간 보고

Finger Keyboard - 라즈베리파이 OpenCV



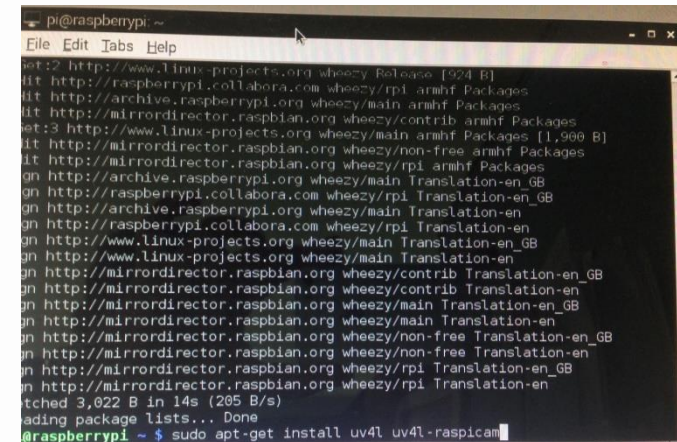
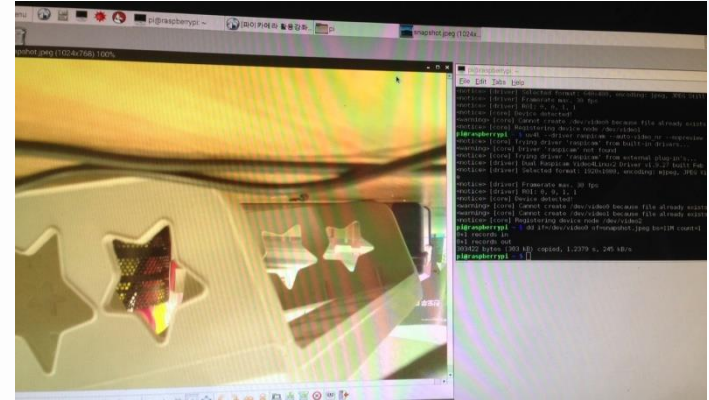
01

OpenCV 설치

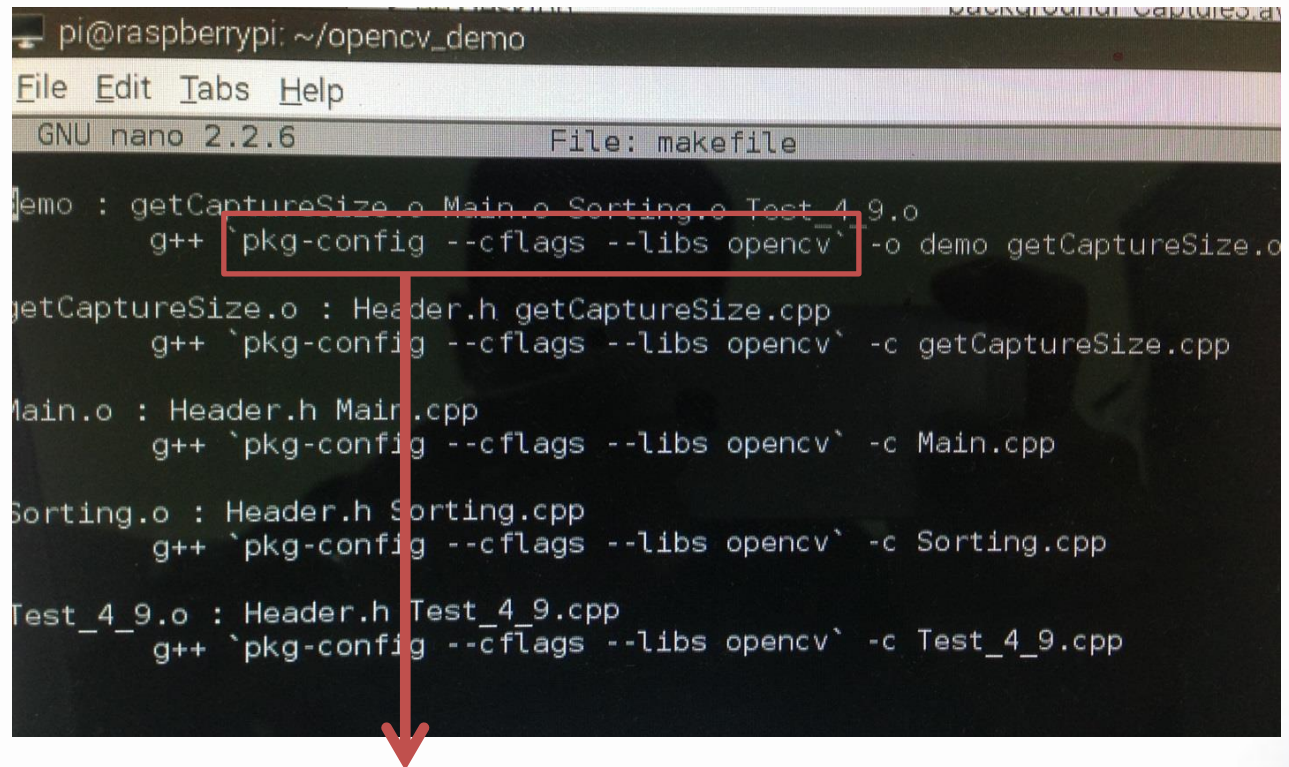
OpenCV

V4L2
(video for linux 2)

RaspberryPi



Makefile을 통한 컴파일



```
pi@raspberrypi: ~/opencv_demo
File Edit Tabs Help
GNU nano 2.2.6 File: makefile

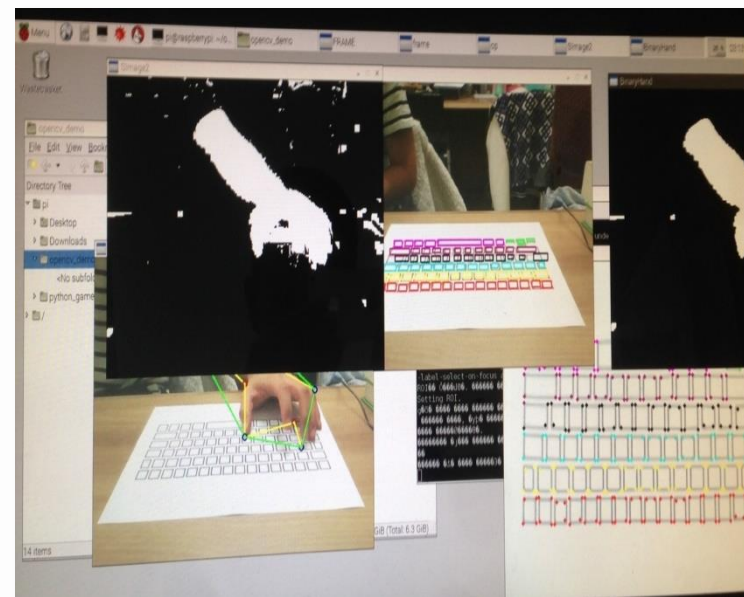
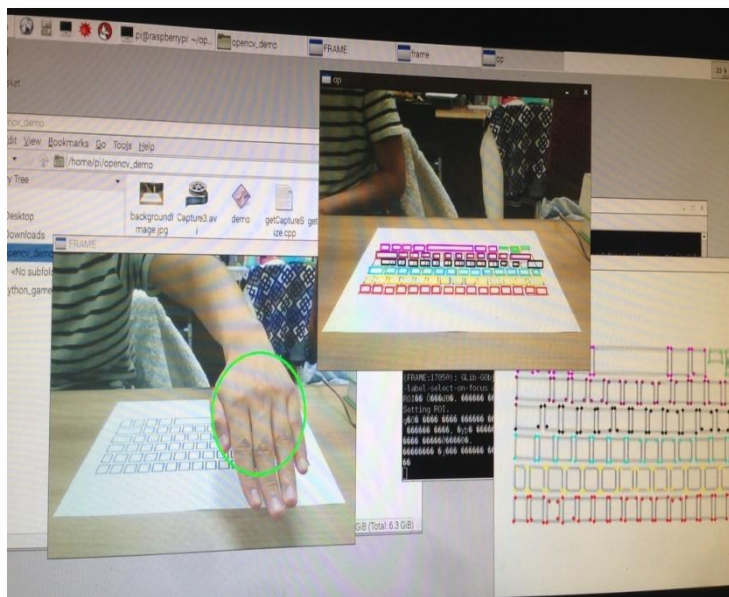
demo : getCaptureSize.o Main.o Sorting.o Test_4_9.o
    g++ `pkg-config --cflags --libs opencv` -o demo getCaptureSize.o
getCaptureSize.o : Header.h getCaptureSize.cpp
    g++ `pkg-config --cflags --libs opencv` -c getCaptureSize.cpp
Main.o : Header.h Main.cpp
    g++ `pkg-config --cflags --libs opencv` -c Main.cpp
Sorting.o : Header.h Sorting.cpp
    g++ `pkg-config --cflags --libs opencv` -c Sorting.cpp
Test_4_9.o : Header.h Test_4_9.cpp
    g++ `pkg-config --cflags --libs opencv` -c Test_4_9.cpp
```

pkg-config 로 opencv 컴파일에 필요한 library 출력



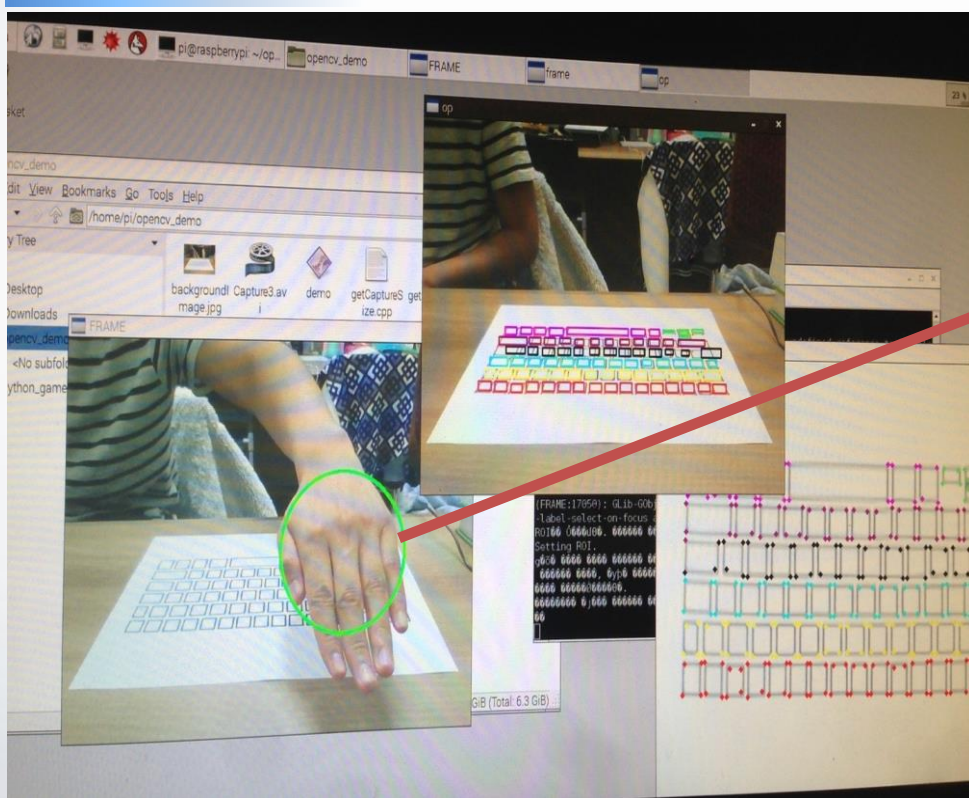
03

실행



컴파일 한 Demo 버전 파일 실행





손색깔 인식 부터
급격히 느려지는
문제 발생

Time 함수를
통해서 시간체크



멀티 카메라 구상

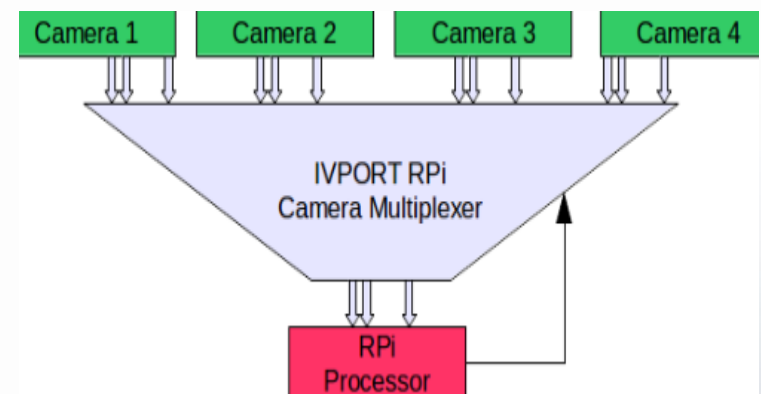
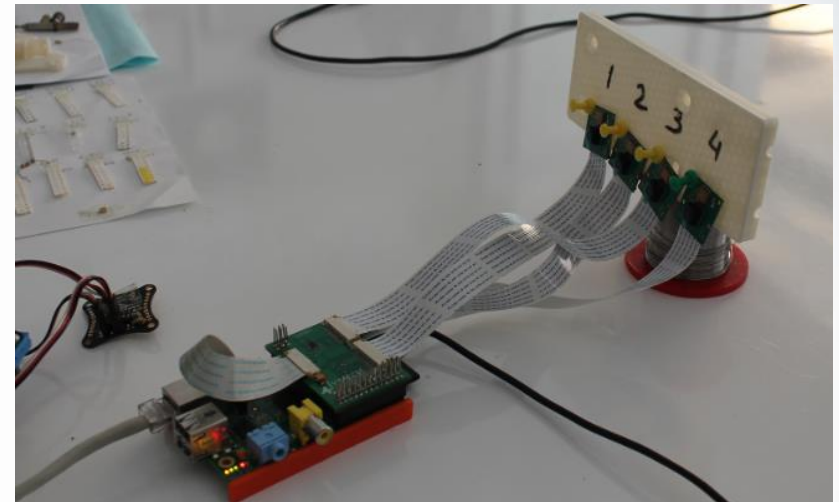


Display 포트가 Camera 포트와 모양이 같아
연결 했지만.. 동작하지 않는다.



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멀티 카메라 구상



<https://hackaday.io/project/2847-ivport-raspberry-pi-camera-module-multiplexer>

