

1. OpenCL 1.2 설치

2. OpenCV 4.4 설치

참고 : <https://webnautes.tistory.com/1435?category=704653>

```
sudo apt-get install build-essential cmake pkg-config
```

```
sudo apt-get install libjpeg-dev libtiff5-dev libpng-dev
```

```
sudo apt-get install ffmpeg libavcodec-dev libavformat-dev libswscale-dev libxvidcore-dev  
libx264-dev libxine2-dev
```

```
sudo apt-get install libgtk-3-dev
```

```
sudo apt-get install mesa-utils libgl1-mesa-dri libgtkgl2.0-dev libgtkglext1-dev
```

```
sudo apt-get install libatlas-base-dev gfortran libeigen3-dev
```

```
mkdir opencv
```

```
cd opencv
```

```
wget -O opencv.zip https://github.com/opencv/opencv/archive/4.4.0.zip
```

```
unzip opencv.zip
```

```
wget -O opencv_contrib.zip https://github.com/opencv/opencv\_contrib/archive/4.4.0.zip
```

```
unzip opencv_contrib.zip
```

```
cd opencv-4.4.0
```

```
mkdir build
```

```
cd build
```

```
cmake -D CMAKE_BUILD_TYPE=RELEASE ₩
```

```
-D CMAKE_C_COMPILER=/usr/bin/gcc ₩
```

```
-D CMAKE_INSTALL_PREFIX=/usr/local ₩
```

-D INSTALL_PYTHON_EXAMPLES=OFF ₩
-D INSTALL_C_EXAMPLES=OFF ₩
-D BUILD_DOCS=OFF ₩
-D BUILD_PERF_TESTS=OFF ₩
-D BUILD_TESTS=OFF ₩
-D BUILD_PACKAGE=OFF ₩
-D BUILD_EXAMPLES=OFF ₩
-D WITH_TBB=ON ₩
-D ENABLE_FAST_MATH=1 ₩
-D CUDA_FAST_MATH=1 ₩
-D WITH_IPP=OFF ₩
-D WITH_V4L=ON ₩
-D WITH_1394=OFF ₩
-D WITH_GTK=ON ₩
-D WITH_QT=OFF ₩
-D WITH_OPENGL=ON ₩
-D WITH_EIGEN=ON ₩
-D WITH_FFMPEG=ON ₩
-D BUILD_JAVA=OFF ₩
-D OPENCV_GENERATE_PKGCONFIG=ON ₩
-D OPENCV_ENABLE_NONFREE=ON ₩
-D OPENCV_EXTRA_MODULES_PATH=../opencv_contrib-4.4.0/modules ₩

time make -j\$(nproc)

sudo make install

cat /etc/ld.so.conf.d/* 에 /usr/local/lib를 포함하는 파일이 있는지 확인

없다면

```
sudo sh -c 'echo '/usr/local/lib' > /etc/ld.so.conf.d/opencv.conf'
```

```
sudo ldconfig
```

3. git clone

```
git clone https://github.com/EThe0n/Vivante.git
```

4. Make

```
cd player
```

```
make
```

5. 실행

```
./player ../video/<video name>
```