Opencv Face Detection Edit by Legend 2013/10/29

1.Use opencv2.4.2

compile

[compileOpenCV2\_4\_2.sh]

#!/bin/sh

export LD\_LIBRARY\_PATH=/usr/local/lib

echo `pkg-config --cflags opencv`

echo `pkg-config --libs opencv`

g++ `pkg-config --cflags opencv` -g -o $2 $1 `pkg-config --libs opencv`

2.Use opencv sample code “facedetect.cpp”

In “/home/legen13\_04/Desktop/OpenCV2\_4\_2 /OpenCV/OpenCV-2.4.2/samples/c”

3.In sample code, it draw a circle(construct by radius and center) on face.

4.Draw a rectangle that construct by point1 and point2. And then use the location of point to overwrite the frame.

Hint:[Use two for loop]

[Notice that the different parameters used of loaded image and current frame.]

[B[0]G[1]R[2]>>>One pixel has three elements.]

5.Remember to release the memory.

6.Be careful of the data type.

7.Read the API's structure.