Convert Image Sequence to H264 using ffmpeg:

=====================================================================================

ffmpeg -framerate 30 -i DSC\_%04d.JPG -c:v libx264 -crf 23 -pix\_fmt yuv420p output.mp4

[Alternatively, you can use the following to convert a set of Images into Video:

import numpy as np

import glob

img\_array = []

for filename in glob.glob('C:/New folder/Images/\*.jpg'):

img = cv2.imread(filename)

height, width, layers = img.shape

size = (width,height)

img\_array.append(img)

out = cv2.VideoWriter('project.avi',cv2.VideoWriter\_fourcc(\*'DIVX'), 15, size)

for i in range(len(img\_array)):

out.write(img\_array[i])

out.release()]

FFMPEG extracts intra-frames I, P,B frames: (in example we have B frames

===========================================================================

ffmpeg -i <inputfile> -vf '[in]select=eq(pict\_type\,B)[out]' b.frames.mp4

On a related note, we can use colors to show each macroblock:

============================================================================

ffmpeg -debug vis\_mb\_type -i input.mp4 output.mp4

This will also show you the motion vectors:

ffplay -debug vis\_mb\_type -vismv 7 input.mp4