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# ffmpeg_utils.py
# A collection of functions that will cnstruct properly formed ffmpeg
commands.

def WIN_seq_to_mpeg(name, image_type):
    command = 'ffmpeg.exe -i "%s.%s.%s" ' % (parent_dir, name, '%04d',
image_type)
    command = command + '-s 960x640 -codec:v libx264 -r 30 -pix_fmt yuv420p '
    command = command + '"./%s.mp4"\n' % (parent_dir, name)
    return command

def POSIX_seq_to_mpeg(parent_dir, name, image_type):
    command = 'ffmpeg -pattern_type glob -i "%s/%s.%s.%s" ' % (parent_dir,
name, '*', image_type)
    command = command + '-s 960x640 -codec:v libx264 -r 30 -pix_fmt yuv420p '
    command = command + '"%s/%s.mp4"\n' % (parent_dir, name)
    return command

def WIN_compress_mp4(parent_dir, name):
    command = 'cd "%s"\n' % parent_dir
    command = command + 'ffmpeg.exe -i "%s" -vcodec libx264 -crf 20
"./compressed_%s"\n' % (name, name)
    return command

def POSIX_compress_mp4(parent_dir, name):
    command = 'cd "%s"\n' % parent_dir
    command = command + 'ffmpeg -i "%s" -vcodec libx264 -crf 20
"./compressed_%s"\n' % (name, name)
    return command

if __name__ == '__main__':
    print( WIN_compress_mp4('C:/Users/mell9/Documents/SCAD20-
21_Class_Notes/', 'foo'))

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