● 使用批处理脚本(BAT)调用FFMPEG批量编码视频

2013年09月25日 22:02:24 阅读数:8937

使用批处理脚本(BAT)编码视频非常方便,尤其当视频序列非常多的时候,更是省了不少简单重复性劳动。

只要学会批处理里面几个基本的命令就行了,感觉和c/c++差不多。

set:设置变量(注意:变量一般情况下是字符串,而不是整形或者其他类型)

%变量名%:可以取到变量的值

传上来一个做实验的批处理脚本做示范(其中调用了ffmpeg和x264):

```
[plain]
            @echo off
            @rem 使用此脚本生成实验序列
  2.
 3.
            @rem 设置序列名称
            set xuliename=src08
 4.
            @rem 帧率分辨率比特率参数
 5.
            set resolution1=1920x1080
 6.
            set resolution2=1280x720
            set resolution3=848x480
 8.
 9.
            set resolution4=640x360
10.
           set resolution5=480x272
11.
            set framerate1=25
            set framerate2=20
12.
            set framerate3=15
13.
            set framerate4=12.5
14.
15.
            set framerate5=10
16.
            set framerate6=5
17.
            set bitrate1=254
            set bitrate2=508
18.
            set bitrate3=763
19.
            set bitrate4=1017
20.
            set bitrate5=1526
21.
22.
            set bitrate6=2035
23.
            set bitrate7=2544
24.
            @rem 生成特定分辨率,然后再进行上变换
25.
            ffmpeg -s \ \ "esolution1\% -i \ \ "xuliename\%" \ \ "esolution1\% .yuv -s \ \ "esolution2\% \ \ "xuliename\%" \ \ "esolution2\% .yuv -s \ \ "esolution2\% \ 
26.
            ffmpeg -s %resolution1% -i %xuliename%_%resolution1%.yuv -s %resolution3% %xuliename%_%resolution3%.yuv
             ffmpeg -s %resolution1% -i %xuliename% %resolution1%.yuv -s %resolution4% %xuliename% %resolution4%.yuv
27.
             ffmpeg -s %resolution1% -i %xuliename%_%resolution1%.yuv -s %resolution5% %xuliename%_%resolution5%.yuv
28.
29.
30.
             ffmpeg -s %resolution2% -i %xuliename%_%resolution2%.yuv -s %resolution1% -vcodec rawvideo %xuliename%_reHD_%resolution2%.avi
31.
             ffmpeg -s %resolution3% -i %xuliename%_%resolution3%.yuv -s %resolution1% -vcodec rawvideo %xuliename%_reHD_%resolution3%.avi
             ffmpeg -s %resolution4% -i %xuliename% %resolution4% yuv -s %resolution1% -vcodec rawvideo %xuliename% reHD %resolution4% avi
32.
33.
             ffmpeg -s %resolution5% -i %xuliename% %resolution5%.yuv -s %resolution1% -vcodec rawvideo %xuliename% reHD_%resolution5%.avi
            @rem 原始分辨率 =
34.
             ffmpeg -s %resolution1% -i %xuliename% %resolution1%.yuv -s %resolution1% -vcodec rawvideo %xuliename% reHD ori.avi
35.
            @rem 生成特定帧率
36.
37.
             ffmpeg -s %resolution3% -i %xuliename% %resolution3%.yuv -r %framerate2% -vcodec rawvideo %xuliename% fps %framerate2%.avi
             38.
39.
             ffmpeg -s \ \ "resolution3" \ -i \ \ "xuliename%" \ \ "resolution3" \ . \ \ 'r \ \ "framerate4" \ -v \ \ "codec \ \ rawvideo \ \ "xuliename%" \ \ "fps_" \ \ "framerate4" \ . \ \ "resolution3" \ \ "resolution3
40.
             41.
             ffmpeg -s %resolution3% -i %xuliename% %resolution3%.yuv -r %framerate6% -vcodec rawvideo %xuliename%_fps_%framerate6%.avi
42.
            @rem 原始帧率 ==
43.
             ffmpeg -s %resolution3% -i %xuliename%_%resolution3%.yuv -r %framerate2% -vcodec rawvideo %xuliename%_fps_ori.avi
44.
            @rem 生成特定比特率
45.
             x264 --bitrate %bitrate1% -o %xuliename%_bit_%bitrate1%.flv %xuliename%_%resolution3%.yuv
46.
            x264 --bitrate %bitrate2% -o %xuliename% bit %bitrate2%.flv %xuliename% %resolution3%.yuv
47.
             x264 --bitrate %bitrate3% -o %xuliename%_bit_%bitrate3%.flv %xuliename%_%resolution3%.yuv
            x264 --bitrate %bitrate4% -o %xuliename% bit %bitrate4%.flv %xuliename% %resolution3%.yuv
48.
49.
            x264 --bitrate %bitrate5% -o %xuliename% bit %bitrate5%.flv %xuliename% %resolution3%.vuv
            x264 --bitrate %bitrate6% -o %xuliename% bit %bitrate6%.flv %xuliename% %resolution3%.yuv
50.
             x264 --bitrate %bitrate7% -o %xuliename% bit %bitrate7%.flv %xuliename% %resolution3%.yuv
51.
52.
            @rem
53.
            \label{ffmpg} \mbox{-i $\%$xuliename$\%_bit$\_\$bitrate1$.flv -vcodec rawvideo $\%$xuliename$\%_bit$\_\$bitrate1$.avi $$\mbox{-infinity}$.
54.
             \label{ffmpg} \mbox{ -i } \$xuliename\$\_bit\_\$bitrate2\$.flv -vcodec \mbox{ rawvideo } \$xuliename\$\_bit\_\$bitrate2\$.avi
55.
             ffmpeg -i %xuliename%_bit_%bitrate3%.flv -vcodec rawvideo %xuliename%_bit_%bitrate3%.avi
             ffmpeg \ \hbox{-i $\%$ xuliename$\%\_bit\_\$bitrate4\$.flv -vcodec rawvideo $\%$ xuliename$\%\_bit\_\$bitrate4\$.avi
56.
57.
             ffmpeg -i %xuliename%_bit_%bitrate5%.flv -vcodec rawvideo %xuliename%_bit_%bitrate5%.avi
             ffmpeg -i %xuliename%_bit_%bitrate6%.flv -vcodec rawvideo %xuliename%_bit_%bitrate6%.avi
            ffmpeg -i %xuliename%_bit_%bitrate7%.flv -vcodec rawvideo %xuliename%_bit_%bitrate7%.avi
```

版权声明:本文为博主原创文章,未经博主允许不得转载。 https://blog.csdn.net/leixiaohua1020/article/details/12030027

所属专栏: FFmpeg

此PDF由spygg生成,请尊重原作者版权!!!

我的邮箱:liushidc@163.com