

使用批处理脚本（BAT）调用FFMPEG批量编码视频

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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]
1. @echo off
2. @rem 使用此脚本生成实验序列
3. @rem 设置序列名称
4. set xuliename=src08
5. @rem 帧率分辨率比特率参数
6. set resolution1=1920x1080
7. set resolution2=1280x720
8. set resolution3=848x480
9. set resolution4=640x360
10. set resolution5=480x272
11. set framerate1=25
12. set framerate2=20
13. set framerate3=15
14. set framerate4=12.5
15. set framerate5=10
16. set framerate6=5
17. set bitrate1=254
18. set bitrate2=508
19. set bitrate3=763
20. set bitrate4=1017
21. set bitrate5=1526
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 %resolution1% -i %xuliename%_resolution1%.yuv -s %resolution2% %xuliename%_resolution2%.yuv
26. ffmpeg -s %resolution1% -i %xuliename%_resolution1%.yuv -s %resolution3% %xuliename%_resolution3%.yuv
27. ffmpeg -s %resolution1% -i %xuliename%_resolution1%.yuv -s %resolution4% %xuliename%_resolution4%.yuv
28. ffmpeg -s %resolution1% -i %xuliename%_resolution1%.yuv -s %resolution5% %xuliename%_resolution5%.yuv
29. @rem =====
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
32. ffmpeg -s %resolution4% -i %xuliename%_resolution4%.yuv -s %resolution1% -vcodec rawvideo %xuliename%_reHD_resolution4%.avi
33. ffmpeg -s %resolution5% -i %xuliename%_resolution5%.yuv -s %resolution1% -vcodec rawvideo %xuliename%_reHD_resolution5%.avi
34. @rem 原始分辨率 =====
35. ffmpeg -s %resolution1% -i %xuliename%_resolution1%.yuv -s %resolution1% -vcodec rawvideo %xuliename%_reHD_ori.avi
36. @rem 生成特定帧率
37. ffmpeg -s %resolution3% -i %xuliename%_resolution3%.yuv -r %framerate2% -vcodec rawvideo %xuliename%_fps_%framerate2%.avi
38. ffmpeg -s %resolution3% -i %xuliename%_resolution3%.yuv -r %framerate3% -vcodec rawvideo %xuliename%_fps_%framerate3%.avi
39. ffmpeg -s %resolution3% -i %xuliename%_resolution3%.yuv -r %framerate4% -vcodec rawvideo %xuliename%_fps_%framerate4%.avi
40. ffmpeg -s %resolution3% -i %xuliename%_resolution3%.yuv -r %framerate5% -vcodec rawvideo %xuliename%_fps_%framerate5%.avi
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
48. x264 --bitrate %bitrate4% -o %xuliename%_bit_%bitrate4%.flv %xuliename%_resolution3%.yuv
49. x264 --bitrate %bitrate5% -o %xuliename%_bit_%bitrate5%.flv %xuliename%_resolution3%.yuv
50. x264 --bitrate %bitrate6% -o %xuliename%_bit_%bitrate6%.flv %xuliename%_resolution3%.yuv
51. x264 --bitrate %bitrate7% -o %xuliename%_bit_%bitrate7%.flv %xuliename%_resolution3%.yuv
52. @rem
53. ffmpeg -i %xuliename%_bit_%bitrate1%.flv -vcodec rawvideo %xuliename%_bit_%bitrate1%.avi
54. ffmpeg -i %xuliename%_bit_%bitrate2%.flv -vcodec rawvideo %xuliename%_bit_%bitrate2%.avi
55. ffmpeg -i %xuliename%_bit_%bitrate3%.flv -vcodec rawvideo %xuliename%_bit_%bitrate3%.avi
56. ffmpeg -i %xuliename%_bit_%bitrate4%.flv -vcodec rawvideo %xuliename%_bit_%bitrate4%.avi
57. ffmpeg -i %xuliename%_bit_%bitrate5%.flv -vcodec rawvideo %xuliename%_bit_%bitrate5%.avi
58. ffmpeg -i %xuliename%_bit_%bitrate6%.flv -vcodec rawvideo %xuliename%_bit_%bitrate6%.avi
59. ffmpeg -i %xuliename%_bit_%bitrate7%.flv -vcodec rawvideo %xuliename%_bit_%bitrate7%.avi
```

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