

# command line movie editing (draft)

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# (some) command line media tools

- ffmpeg
- mplayer / mencoder (GUI as well)
- transcode
- imagemagick
- sox

# from commands to scripts

- operating the computer through (short) text commands, actually learning the vocabulary of a programming language
- recording a sequence of commands forms basis of a “script”
- add to this (environment) variables and some control structures (if-then, loops) completes bridge to proper “scripting”

# transcoding

```
mencoder -vf crop=720:352:0:68 -oac mp3lame  
-ovc lavc -lavcopts  
vcodec=mpeg4:vpass=1:vbitrate=800  
-o demonseed.avi VTS_01_*.VOB
```

# movie to audio

```
ffmpeg -i rearwindow.avi -y rearwindow.mp3
```

```
ffmpeg -ss 1000 -t 5 -i rearwindow.avi -y  
rearwindow.mp3
```

```
ffmpeg -ss 1000 -t 5 -i rearwindow.avi -ac 2  
-ab 128 -y rearwindow.mp3
```

# movie to images

```
mencoder -sstep 100 -vo png rearwindow.avi
```

```
ffmpeg -i rearwindow.avi -f image2 -y -r .01 -an  
rearwindow%06d.jpg
```

# images to movie

```
mencoder "mf://*.jpg" -mf fps=10 -o test.avi  
-ovc lavc -lavcopts  
vcodec=msmpeg4v2:vbitrate=800
```

```
ffmpeg -r 10 -b 1800 -i %03d.jpg test1800.mp4
```

more info online

<http://pzwart2.wdka.hro.nl/~techday/cgi-bin/moin.cgi/MediaBashing>