

Pimp my x86_64 - "Multimedia"

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1 DVD → MKV

2 Streaming TV over DSL-1000

3 "Analogue" EPG

mplayer, mkvtoolnix

1. Play DVD(-image) with mplayer to get cropping and scaling information, the aid's of the audio streams and the sid's of the subtitles you want to dump:

```
mplayer dvd:// -vf cropdetect
```

```
audio stream: 0 format: ac3 (5.1) language: en aid: 128.
```

```
audio stream: 1 format: ac3 (stereo) language: de aid: 129.
```

```
subtitle ( sid ): 0 language: en
```

```
subtitle ( sid ): 1 language: de
```

```
[CROP] Crop area: X: 2..718 Y: 69..504 (-vf crop=704:432:8:72).0
```

```
[swscaler @ 0xfd0370]SwScaler: 720x576 -> 1024x576
```

mplayer, mkvtoolnix

2. Dump audio streams:

```
mplayer -dumpaudio -dumpfile english.ac3 dvd:// -aid 128
```

```
mplayer -dumpaudio -dumpfile german.ac3 dvd:// -aid 129
```

mplayer, mkvtoolnix

3. Dump subtitles:

```
mencoder dvd:// -vobsubout engsub -vobsuboutindex 0 -sid 0  
                -nosound -ovc copy -o /dev/null  
mencoder dvd:// -vobsubout desub -vobsuboutindex 0 -sid 1  
                -nosound -ovc copy -o /dev/null
```

mplayer, mkvtoolnix

4. Encode video:

```
mencoder dvd:// -dvd-device movie.iso -vf crop=704:432:8:72,  
scale=1024 -ovc lavc -lavcopts vcodec=mpeg4:vbitrate=1900000  
:vpass=1 -nosound -o /dev/null
```

```
mencoder dvd:// -dvd-device movie.iso -vf crop=704:432:8:72,  
scale=1024 -ovc lavc -lavcopts vcodec=mpeg4:vbitrate=1900000  
:vpass=2 -nosound -o s2.avi
```

mplayer, mkvtoolnix

5. Mux with mmg from mkvtoolnix

`mmg`

mplayer, netcat, bash, ...

Client:

```
nc -l -p 2525 | mplayer -cache 265 -
```

mplayer, netcat, bash, ...

Server:

```
cat netplayer | nc 141.28.68.146 2525 &
```

```
mencoder tv:// -vf crop=752:550,pp=lb,hqdn3d,scale  
-zoom -xy 320 -af pan=1:0.5:0.5,resample=16000  
-srate 16000 -channels 1 -ovc x264 -x264encopts  
bitrate=80:pass=1 -oac faac -faacopts br=17 -tv  
driver=v4l2:device=/dev/video0:chanlist=europe-east:  
width=768:height=576:channels=SE7-Das_Erste,...  
-o netplayer
```

nxtvepg

Nextview EPG: NexTVView DE

Control Configure Reminder Shortcuts Filter Navigate Help

	Pro7	ARD	ZDF	RTL	
Sa 12:26:34	Sa 12:20 - 12:50 Family Guy Kinderprogramm	Sa 09:00 - 19:4 Sportschau live	Sa 11:05 - 13:0 Die Küchenschle Soziales/Politik/v	Sa 12:05 - 13:0 Otto live! - Das Show/Gamesho	Sa
Tune TV	Sa 12:50 - 13:2 Futurama Kinderprogramm		Sa 13:00 - 13:0 heute Nachrichten	Sa 13:00 - 16:4 "Ich bin ein Star Show/Gamesho	So
Reset	Sa 13:20 - 13:4 Malcolm mittenc Serie		Sa 13:05 - 14:0 ZDF-Wochenjou Soziales/Politik/v		Mo
- Spielfilme	Sa 13:45 - 14:1 Malcolm mittenc Serie		Sa 14:00 - 15:3 Der Landarzt Serie		Di
- Sport	Sa 14:15 - 14:4 How I Met Your Serie				Mi
- Ohne Sport	Sa 14:40 - 15:1				Do
- Serien					
- Kinder					
- Shows					
- News					
- Sozial					
- Wissen					
- Hobby					
- Musik					
- Kultur					
- Adult					
- Abends					
->15 min.					

Family Guy

Für 6 bis 14 jährige, Zeichentrick & Puppenspiel, Serie (age: 12 and up)

Pro7, Sa 17.01., 12:20 - 12:50: Die Briten kommen (One of By Clam, Two if By Sea) Zeichentrick / Comedy

Grid Layout

Kabel 1 database 23% complete. Acquisition working on Kabel 1, 19% complete.