Backup

makemkv

Wonderful for ecncrypted bluray http://www.makemkv.com/forum2/viewtopic.php?f=3&t=224

mplayer

good for dvd protected with bad sectors

detect main feature

```
LANG=en dvdbackup -i /dev/sr0 -I | egrep -i -2 "^Main feature"
```

with Disney DVD play the disk with

```
mplayer -v dvdnav:// -dvd-device /dev/sr0 2>&1 | grep TITLE
```

without a title number, then select the main feature in the menu and look at the debug output, you'll see which title is played, when the message "switching to track xy" appears.

dump main feature (1 in this example) to vob file

```
mplayer dvdnav://1 -dvd-device /dev/sr0 -dumpstream -dumpfile movie.vob
mplayer dvd://1//dev/sr0 -dumpstream -dumpfile movie.vob
```

convert to matroska con MKVToolNix

```
mkvmerge -o movie.mkv movie.vob
```

oppure con avconv

```
avconv -fflags +genpts -i movie.vob -c:v copy -an movie.mkv

# o con ffmpeg
ffmpeg -i movie.vob -sameq movie.mkv
```

vlc

good for dvd with bad sectors

```
vlc dvdsimple:///dev/sr0#1 --sout
#standard{access=file,mux=ts,dst=dvdout.mpg}" vlc://quit
```

dvdbackup

all DVD

```
dvdbackup -i /dev/sr0 -M —o dvd_structure
genisoimage -dvd-video -udf -o clean_dvd.iso dvd_structure
```

main feature

```
dvdbackup -i /dev/sr0 -F
cat VIDEO_TS/*.VOB > movie.vob
```

readdvd

```
readdvd -d /dev/sr0 -o filename.iso -s 8 -v
```

ddrescue

```
ddrescue —n —b 2048 /dev/sr0 output.iso
dvdbackup —M —i output.iso —o dvd_structure
genisoimage -dvd-video -udf -o clean_dvd.iso dvd_structure
```

tricks

Investigating the device mode pages with sdparm, I came up with the following to make it stop trying to read those blocks over and over again:

```
sdparm —set=RRC=0 /dev/sr0
```

Repair index and/or merge

```
mencoder -forceidx -o output.avi -oac copy -ovc copy input1.avi [input2.avi
...]
```