

MATROSKA FILES





Matroska aims to become *THE* standard of multimedia container formats

First, "What an Audio/Video container is", to avoid any misunderstandings:

- It is **NOT** a video or audio compression format (video codec)
- It is an envelope for which there can be many audio, video and subtitles streams, allowing the user to store a complete movie or CD in a single file.

MKV Container (.mkv)

Video stream

Audio stream

Subtitle

...

Matroska files features :-

- Fast seeking in the file
- Chapter entries
- Full metadata (tags) support
- Selectable subtitle/audio/video streams
- Modularly expandable
- Error resilience (can recover playback even when the stream is damaged)
- Streamable over the internet and local networks (HTTP, CIFS, FTP, etc)
- Menus (like DVDs have)

MKV PLAYERS

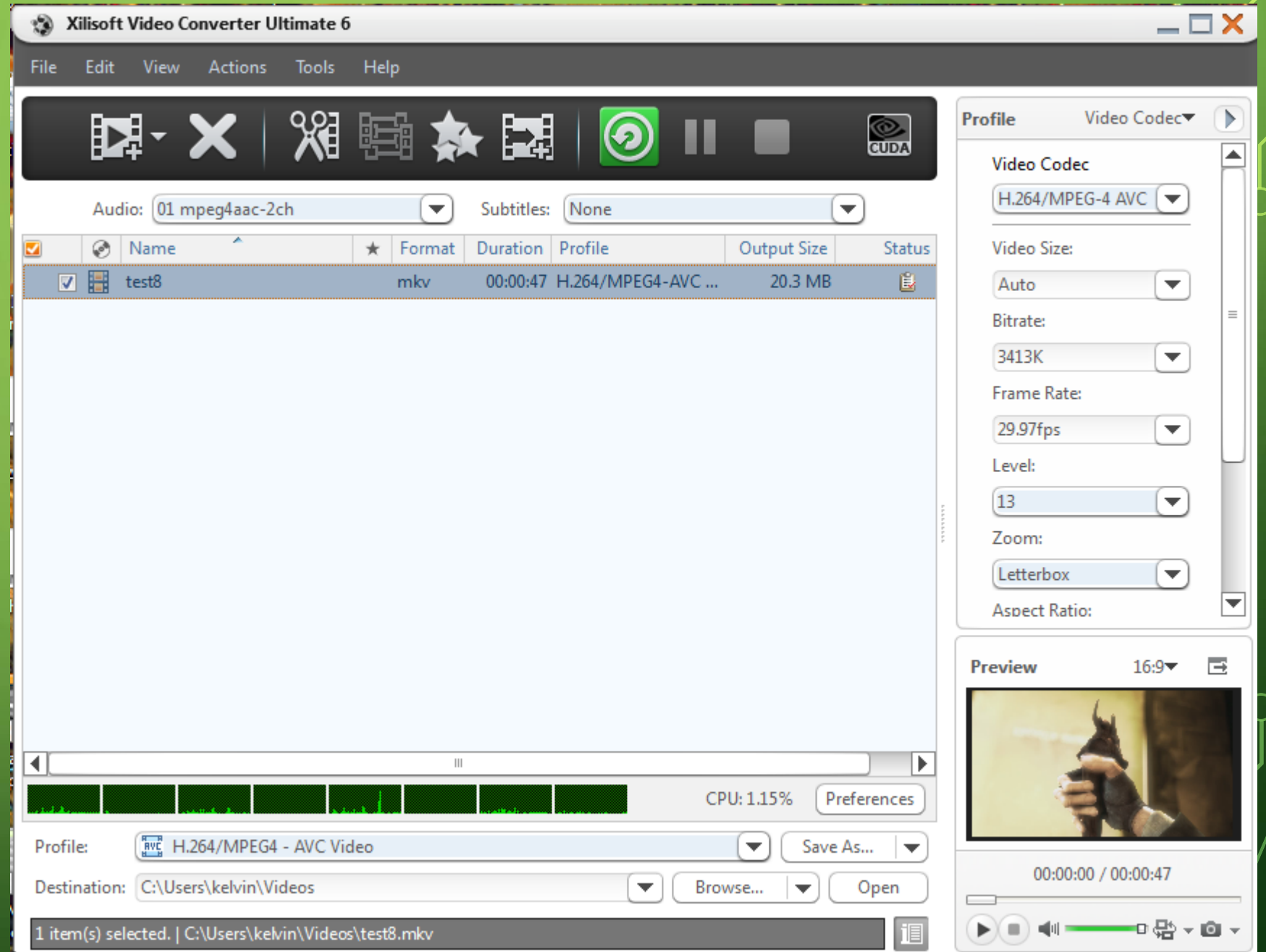
- VLC
- MediaPlayer Classic - Home Cinema (MPC-HC)
- Power DVD 14
- DivX

Sample MKV File

http://www.matroska.org/downloads/test_w1.html

File Conversion

MKV → MP4



Tools for Working on MKV Files

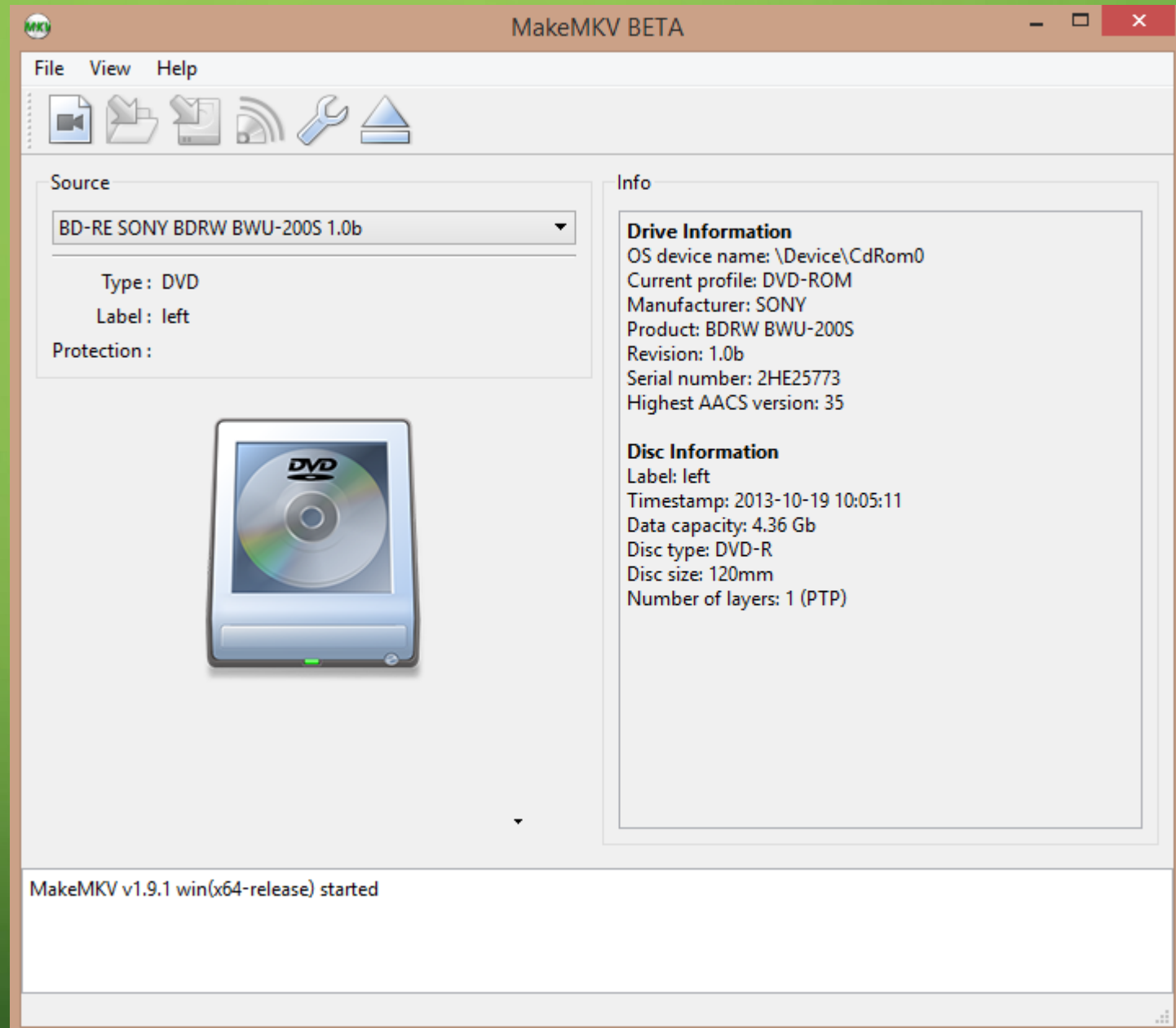
Mkvtoolsnix

- `mkvinfo` Finding out what is inside MKV file
- `mkvextract` Extracting streams (and other info) from MKV file -demuxing
- `mkvmerge` Combining stream into MKV file - muxing
- `mkvpropedit` modifying properties of MKV files

MakeMKV

MKV Demux All

MakeMKV beta



MKV Demux

- This is a program with one, specific purpose: to provide the ability to demux ALL of the streams in any number of Matroska container (mkv) files automatically

