

TV and Video with free software (or we build up a HTPC ourself)

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What do we want to show?

Which FOSS solutions are available?

- ◆ VDR
- ◆ MythTV
- ◆ freevo
- ◆ mms
- ◆ Mediaportal

Configuration

- ◆ How to connect everything together?

Demo of the CT VDR running

Access to the VDR with a browser

- ◆ VDRadmin

VDR – Video Disc Recorder

Homepage: <http://www.cadsoft.de/vdr/>

(GPL, Linux)



VDR – Video Disc Recorder

Functions:

- ◆ TV (Scheduled recordings, playback; Live TV)
- ◆ Multimedia content like images, music, videos
- ◆ Creation of DVDs, ...
- ◆ Control via browser, remote control
- ◆ Browser Interface
- ◆ Plugins: more than 100 plugins

Advantages

- ◆ low hardware requirements
- ◆ Intuitive usage

Disadvantages

- ◆ For the configuration Linux knowledge necessary
- ◆ Look and feel?

VDR – Video Disc Recorder

Important links:

- ◆ <http://www.vdr-wiki.de>
- ◆ <http://www.heise.de/ct/ftp/projekte/vdr/>

MythTV

Homepage: <http://www.mythtv.org/>

(GPL, Linux, MAC)



Functions:

- ◆ TV (scheduled recordings, playback; Live TV)
- ◆ Support for multimedia content like images, music, external videos
- ◆ Creation of DVDs, ...
- ◆ Access via browser, remote control
- ◆ Plugins (weather, web, games, news, phone (Voice-over-ip))

Advantages

- ◆ Looks cool!
- ◆ Simple to configure using the dedicated mythtv-setup and direct in the frontend

Disadvantages

- ◆ Uses the TV-Out of a regular graphics card on top of X11

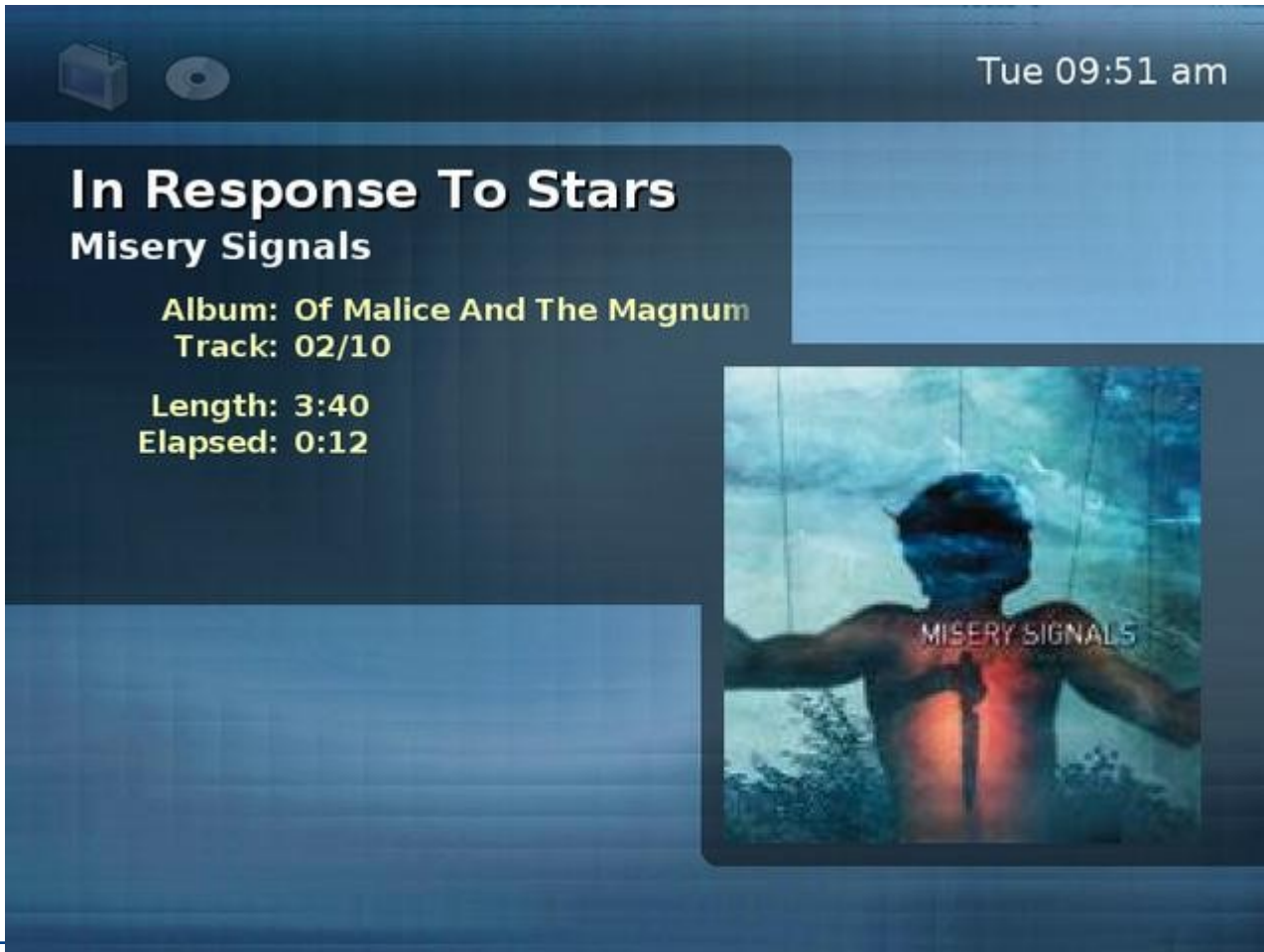
Important links:

- ◆ <http://www.mythtv.org/wiki/index.php>
- ◆ <http://www.mythwiki.de/index.php/Hauptseite>
- ◆ <http://mysettopbox.tv/knopppmyth.html>
- ◆ <http://winmyth.sourceforge.net/>

Freevo

Homepage: <http://freevo.sourceforge.net/>

(GPL, Linux)



Freevo

Functions:

- ◆ Multimedia Jukebox: Live TV, videos, images
- ◆ Web interface
- ◆ Many plugins

Advantages:

- ◆ Simple installation
- ◆ Less dependencies (libraries etc.)
- ◆ very nice plugins

Disadvantages:

- ◆ No record timer support

Important links:

- ◆ Wiki: <http://freevo.sourceforge.net/cgi-bin/doc>
- ◆

mms – mpeg menu system

Homepage: <http://mms.sunsite.dk/>

(GPL, Linux)



mms – mpeg menu system

Functions:

- ◆ Plays multimedia content (pictures, videos, music,...) from hard disk, CD, DVD, network

Advantages

- ◆ Simple to install and configure
- ◆ Looks really great!

Disadvantages

- ◆ Lack of TV support (live-tv, recording) until now

Important links:

- ◆ http://mms.kicks-ass.org/wiki/index.php/Main_Page
- ◆ <http://mms.kicks-ass.org/forum/>

Mediaportal

Homepage: <http://www.team-mediaportal.com/> (GPL, Windows)



Mediaportal

Functions:

- ◆ TV (live-tv, recording, DVB-S, DVB-T, HDTV)
- ◆ DVD / Video watching, managing
- ◆ Images
- ◆ Music
- ◆ Radio
- ◆ Other Plugins like weather,.....

Advantages:

- ◆ Windows?
- ◆ Looks great!

Disadvantages

- ◆ Windows?
- ◆ Needs a lot of CPU power

Mediaportal

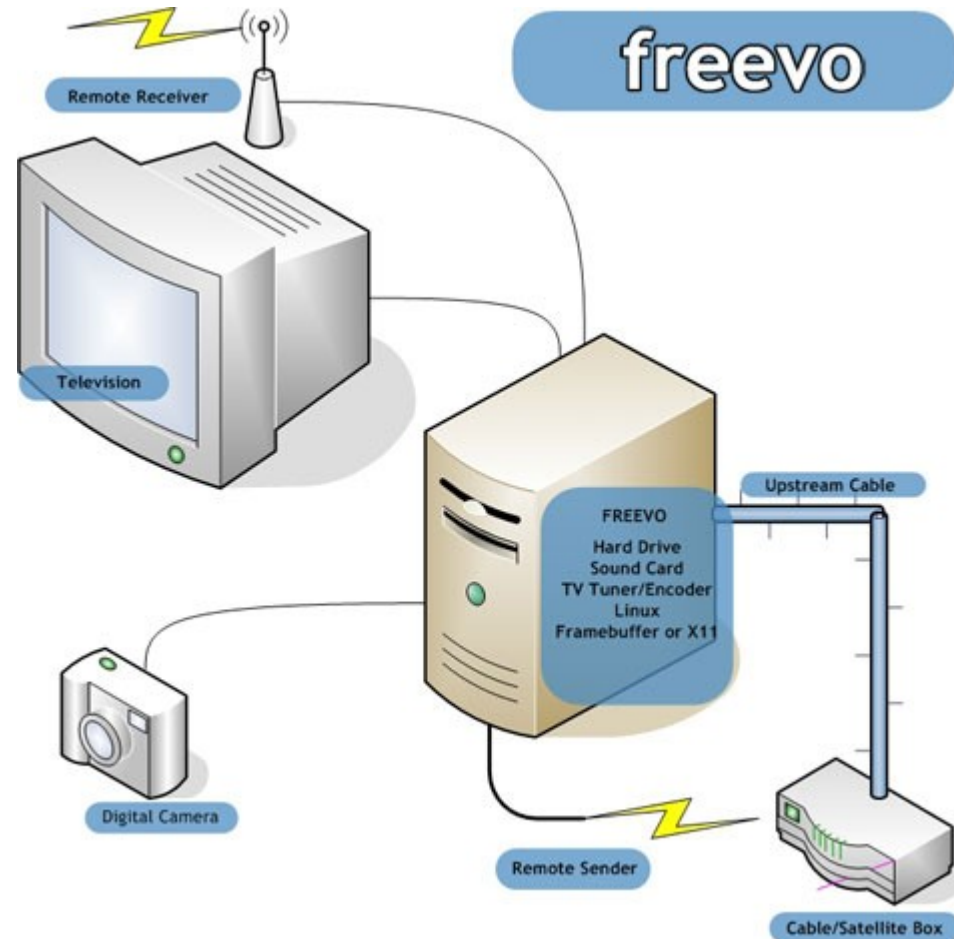
Important links:

- ◆ <http://forum.team-mediaportal.com/>
- ◆ <http://www.team-mediaportal.de/>

How to connect everything?

Hardware:

- ◆ TV card
 - ◆ Cable (DVB-C)
 - ◆ Satellite (DVB-S)
 - ◆ Digital terrestrial (DVB-T)
- ◆ Remote control
- ◆ DVD Brenner
- ◆ Sound card
- ◆ Digital camera
- ◆ Network / internet
- ◆ TV / beamer



Demo of VDR



VDR - Disk 56% - 43:00 frei Don 02.12 00:51

- 1 Programm
- 2 Recorder
- 3 Plugins
- 4 Games
- 5 Installation
- 6 Music
- 7 Videos
- 8 TV-OnScreen
- 9 Zeitleiste
- 10 Pilot
- 11 DVD
- 12 VideoCD (/dev/hdc)
- 13 Teletext (OSD)
- 14 Bilder
- 15 Signalinformationen
- 16 Prefermenu
- 17 Bildschirmfoto
- 18 Trayopen

Reifenpannen-Service

Aufnehmen Pause

Access VDR via webbrowser

