

Checking AV Properties Basics

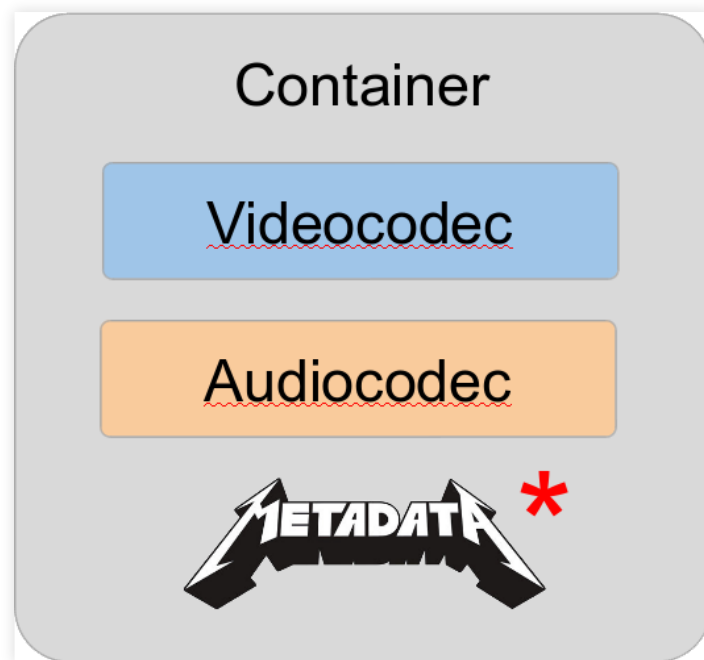
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Abstract

This is about technical properties of audiovisual files,
how to identify and check/validate them.

The “Digital Video Trinity”



Structure



Tools

We'll show these here:

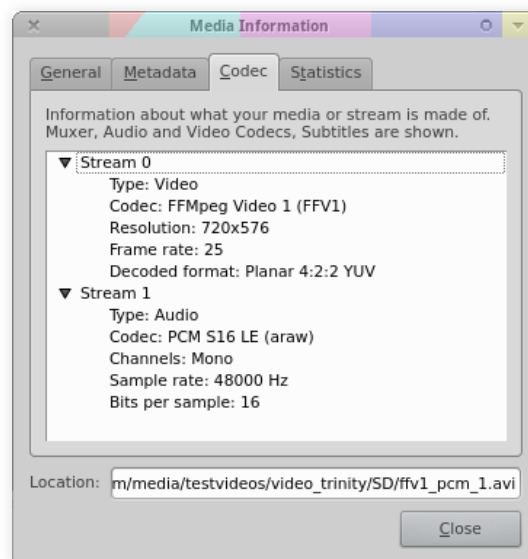
- VLC
- MedialInfo

VLC

- Great videoplayer
- 99% chance you have it on the computer
- Allows quick-check of tech-MD (Ctrl + J)
- For all formats it can play!

Website: videolan.org/vlc

VLC



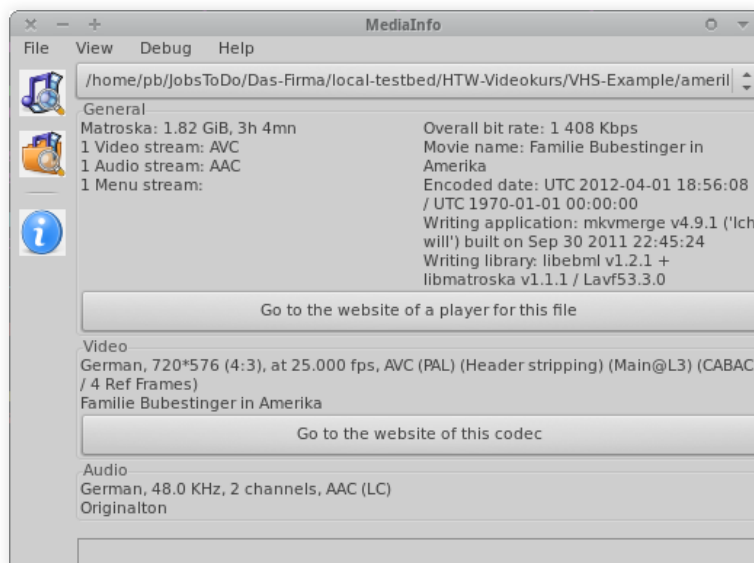
Very handy, but not the best for this job.

MediaInfo

“MediaInfo is a convenient unified display of the most relevant technical and tag data for video and audio files.”

Website: mediaarea.net/MediaInfo

MediaInfo



MediaInfo GUI

View 'Easy'

- General = container level
- Video / Audio
- Other

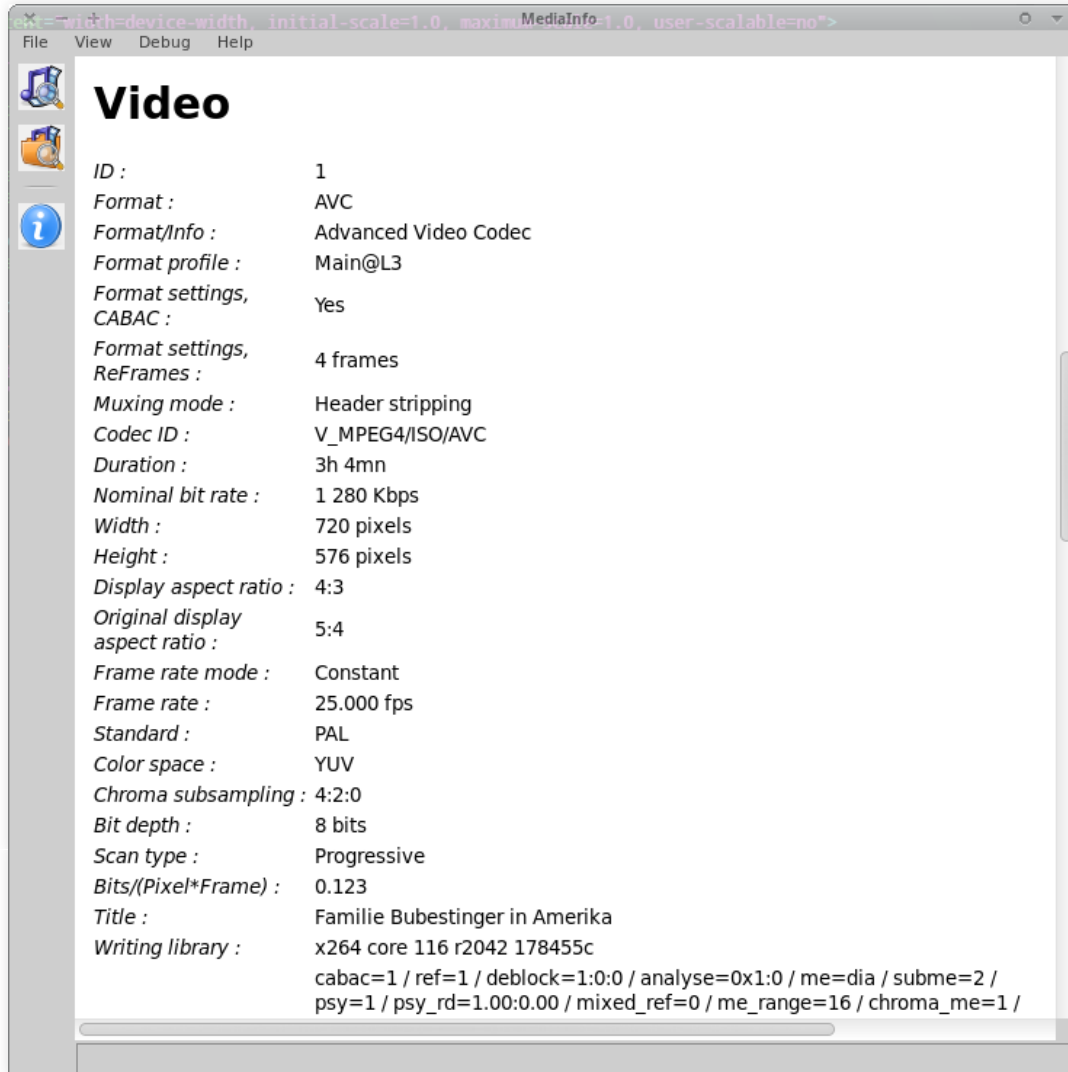
A/B comparison

(Only in view 'Easy')

- Load more than 1 file:
 - Select multiple files
 - *or* drag/drop a whole folder
- Scroll dropdown = switch between files

Excellent for a quick spotting of common/different values in a given set.

View 'HTML'



View 'HTML'

- Nicer to read than view 'Text'.
- Identical content.

Machine Readable

(aka "parsable output formats")

- More suited for automated workflows.
- Can be saved from GUI.
- But: Usually commandline.

Machine Readable Output Formats

- XML
- JSON
- CSV
- EBUCore
- PBCore
- MPEG-7
- FIMS
- ...

Comments?

Questions?