FFmpeg
and Other Open-Source Software

Reto Kromer • AV Preservation by reto.ch

**Open-Source Tools and Resources
for Digital Film Preservation**
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FFmpeg's Components

- ffmpeg
- ffplay
- ffprobe

- libavutil
- libavcodec
- libavformat
- libavdevice
- libavfilter
- libswscale
- libswresample

File Transformations

ffmpeg (CLI)
→ ffmpeg.org

ffmprovisr
→ amiaopensource.github.io/ffmprovisr/

FFmpeg Cookbook for Archivists
→ avpres.net/FFmpeg/

Metadata Extraction

MediaInfo (GUI, CLI)
→ mediaarea.net/MediaInfo
ffprobe (CLI)
→ ffmpeg.org

Media Players

VLC (GUI)
➔ www.videolan.org/vlc/

ffplay (CLI)
➔ ffmpeg.org

mpv (CLI)
➔ mpv.io

A Graphical User Interface

FFCommand Engine (GUI)
➔ github.com/ColorlabMD/FFCommand_Engine

The Missing Piece of Software

RAWcooked (CLI)
➔ mediaarea.net/RAWcooked

Quality Control

QCTools (GUI), **qcli** (CLI)
➔ bavc.org/preserve-media/preservation-tools

QCTools Documentation
➔ bavc.github.io/qctools/

AV Artifact Atlas
➔ bavc.github.io/avaa/

Optical Sound Extraction

AEO-Light (GUI)

→ usc-imi.github.io/aeo-light/

AEO-Light Manual

→ github.com/usc-imi/aeo-light/releases/
download/v2.2-beta/
AEO-Light-2.2-beta-Manual.pdf

DCP Encoder (and Player)

DCP-o-matic (GUI)

→ dcpomatic.com

AMIA Open Source

vrecord (CLI)

→ github.com/amiaopensource/vrecord

audiorecorder (CLI)

→ github.com/amiaopensource/audiorecorder

LTOpers (CLI)

→ github.com/amiaopensource/ltopers

AV Preservation by reto.ch

chemin du Suchet 5
1024 Écublens
Switzerland

Web: reto.ch
Twitter: @retoch
Email: info@reto.ch