

Video Monkey Feature Research

Features of Visual Hub

General

- Save To location [\[FilmRedux\]](#)
- Stitch Videos Together [\[FilmRedux\]](#)
- When Done: [\[FilmRedux\]](#)
 - Nothing
 - Open Destination Folder
 - Set Computer To Sleep
 - Shut Down Computer
 - Quit Visual Hub
- Start/Stop button
- Progress bar
- File list
 - Add/Remove/Clear All buttons) [\[FilmRedux\]](#)

Media Tabs

- In Common
- iTunes [\[FilmRedux\]](#)
 - Optimize for:
 - All devices
 - iPod (5G)
 - iPod classic
 - iPod nano
 - Apple TV
 - iPhone
 - iPod touch
 - Apple TV 5.1
 - Apple TV 5.1 + 2.0
 - H.264 Encoding
 - Add to iTunes
 - Quality
 - 5 stops with various labels
- PSP [\[FilmRedux\]](#)
 - All PSP's or Firmware 3.30+
 - Make Thumbnail
 - AVC Encoding
 - Quality
 - 5 stops (Tiny, Low, Standard, High, Go Nuts)

- DV [\[FilmRedux\]](#)
 - NTSC (North America, Japan) or PAL (Everywhere Else)
 - Force Anamorphic 16:9
 - Ready for Final Cut
- DVD [\[FilmRedux\]](#)
 - NTSC (North America, Japan) or PAL (Everywhere Else)
 - Author as DVD
 - Burn When Done
 - Quality
 - 3 stops (Tiny, Low, Standard)
- AVI [\[FilmRedux\]](#)
 - 320 Pixels Wide
 - Profile
 - Home Theater
 - Portable
 - Simple
 - Best Windows Compatibility
 - Wii
 - Quality
 - 5 stops (Tiny, Low, Standard, High, Go Nuts)
- MP4 [\[FilmRedux\]](#)
 - 320 Pixels Wide
 - Hint for Streaming
 - H.264 Encoding
 - Quality
 - 5 stops (56k, Low, Standard, High, Go Nuts)
- WMV [\[FilmRedux\]](#)
 - 320 Pixels Wide
 - 5 stops (56k, Low, Standard, High, Go Nuts)
- MPEG
 - NTSC (North America, Japan) or PAL (Everywhere Else)
 - Grayed out for Tivo, 720p and 1080i
 - Profile
 - VCD
 - SVCD
 - CVD
 - Tivo
 - Transport Stream
 - 720p
 - 1080i
 - 5 stops
 - Tiny, Low, Standard, High, Go Nuts
 - Grayed out for VCD, 7320p and 1080i
 - MPEG-2 [\[FilmRedux\]](#)
 - always grayed out, checked for all but VCD

- Flash [\[FilmRedux\]](#)
 - 320 Pixels Wide
 - Raw .flv Format
 - 5 stops (Tiny, Low, Standard, High, Go Nuts)

Advanced...

- Video
 - Crop: [\[FilmRedux\]](#)
 - Text boxes for Top, Bottom, Left, Right
 - Set AutoCrop: [\[FilmRedux\]](#)
 - Automatic
 - By This File
 - Size [\[FilmRedux\]](#)
 - <Width text box> x <Height text box> px
 - Deinterlace [\[FilmRedux\]](#)
 - Bitrate <text box> [\[FilmRedux\]](#)
 - Fit each video in <text box> MB [\[FilmRedux\]](#)
 - Check box to enable/disable
 - Force (check box to enable/disable): [\[FilmRedux\]](#)
 - Quicktime encoding
 - FFmpeg encoding
 - VLC encoding
 - Framerate: <text box> [\[FilmRedux\]](#)
 - Two Pass [\[FilmRedux\]](#)
 - qmin: <text box>
 - Extra FFmpeg Flags: <text box> pulldown:
 - Best possible H.264/AVC
 - Best possible H.264/AVC for animation
 - Encode only a certain number of frames
 - Start encoding n seconds into the video
 - Copy original video track (passthrough)
 - Best possible MPEG-4
 - Use /n/ keyframes
- Audio
 - Audio rate
 - Various rates in pulldown (48000, 44100, ..., 8000) [\[FilmRedux\]](#)
 - Bitrate: <text box> in kbps [\[FilmRedux\]](#)
 - Channels: [\[FilmRedux\]](#)
 - Auto
 - Stereo
 - Mono
 - Volume [\[FilmRedux\]](#)
 - 7 stops from 0% to 300%
 - Extra FFmpeg Flags: <text box> pulldown: [\[FilmRedux \(no pulldown\)\]](#)
 - Copy original audio track (passthrough)

- Clear All [FilmRedux]
- Load Settings... [FilmRedux]
- Save Settings... [FilmRedux]

Preview

Preferences

Features of FilmRedux

See above for [FilmRedux] marks.

Additional Features:

- Info Tab
 - Video Info
 - Audio Info
 - Container Info
- More Deinterlace modes
 - Auto
 - None
 - Adaptive (Best)
 - Inverse Telecine
- Drop down menu for Framerate
 - Auto
 - 30
 - 29.97 (NTSC)
 - 25 (PAL)
 - 24 (Film)
 - 23.976 (Film)
 - 15
 - 12
 - 8
- Try To Match Original Bitrate (grays out bitrate field)
- Sliders for:
 - Gamma Shift
 - Brightness
 - Contrast
 - Saturation
 - Denoise
- 96000 added to Audio rate
- Pull down for Audio bitrate (values from 384 to 16)
- Audio track # pulldown (Auto, 1-9)
- Audio volume stops from -30 to +30 plus mute
- Audio volume normalize check box

- Replacement audio file
- One-offs:
 - Trim video
 - Various metatags
 - Subtitling
- Replaces various media tabs with a single list, mostly the same features
 - Moves Add to iTunes functionality to prefs
 - Adds game system support (XBox 360, PS3, Wii)
 - Tivo Series 2/3 support
 - Quicktime support
- Adds “Add to iTunes” to When Done pulldown
- Adds “Run Script...” to When Done pulldown

Summary

FilmRedux has most, if not all features of Visual Hub. It also adds some very nice features, not fully fleshed out, such as metatag editing, trimming, and additional DVD burning features. It will make a good starting point.

But it is written in AppleScript. I think it will be easier to work with if I convert it to Cocoa. I can use the existing nib as a starting point. And I can use the AppleScript code to understand the internals of what is being done in all the modes.

To Do

Startup

- Create a logo
- Add a webpage, maybe make mediawiki the front pafe
- Create an xcodeproj with the nib and dummy wrappers, get it building and running

0.1

- Add the ability to import file(s)
- Add a sample encoding capability
- Flesh out the advanced tab features
- Flesh out the media tabs presets
- Disable all non-working features
- Package and ship a 0.1 version

0.2

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