
Subject: : AmigaOS4

Topic: : Sam460 and 720p video playback

Re: Sam460 and 720p video playback

Author: : Spectre660

Date: : 2015/10/15 22:02:29

URL:

@LiveForIt

Interesting difference in decoding results between AmigaOS 4.1 and MorphOS on the Sam460ex .
The MorphOS version decodes 2.36x faster than the AmigaOS 4.1 version. What could cause such a large difference ?

```
=====  
4.AmigaOS 4.1:> Programs:Video/liveforit-mplayer/mplayer -benchmark -nosound -ao null -vo null -lavdopts  
skiploopfilter=none  
Data:Downloads/Prometheus-Trailer.mp4  
LiveForIt-MPlayer-6.5.7 SVN-r37230-snapshot-1.1.1 (C) 2000-2014 MPlayer Team
```

Playing Data:Downloads/Prometheus-Trailer.mp4.

libavformat version 56.36.100 (internal)

libavformat file format detected.

[mov,mp4,m4a,3gp,3g2,mj2 @ 0x5a795a48]stream 0, timescale not set

[mov,mp4,m4a,3gp,3g2,mj2 @ 0x5a795a48]Could not find codec parameters for stream 2 (Video: mjpeg,
none):

unspecified size

Consider increasing the value for the 'analyzeduration' and 'probesize' options

[lavf] stream 0: video (h264), -vid 0

[lavf] stream 1: audio (aac), -aid 0, -alang eng

[lavf] stream 2: video (unknown), -vid 1

VIDEO: [H264] 1920x816 24bpp 23.976 fps 6828.3 kbps (833.5 kbyte/s)

Clip info:

major_brand: mp42

minor_version: 0

compatible_brands: mp42isomavc1

creation_time: 2011-12-23 08:24:51

genre: Trailer

artist: 20th Fox

title: Prometheus - Trailer

encoder: HandBrake 4344svn 2011111001

date: 2012

Load subtitles in Data:Downloads/

```
=====  
Opening video decoder: [ffmpeg] FFmpeg's libavcodec codec family
```

libavcodec version 56.41.100 (internal)

Selected video codec: [ffh264] vfm: ffmpeg (FFmpeg H.264)

Audio: no sound

Starting playback...

libmpcodecs/vd.c:mpcodecs_config_vo:d

Movie-Aspect is 2.35:1 - prescaling to correct movie aspect.

VO: [null] 1920x816 => 1920x816 Planar YV12

Select error: No such file or directory

AmigaOS4.1 Bug select() don't reset or set errno value

BENCHMARKs: VC: 458.010s VO: 0.020s A: 0.000s Sys: 2.787s = 460.817s

BENCHMARK%: VC: 99.3908% VO: 0.0043% A: 0.0000% Sys: 0.6049% = 100.0000%

Exiting... (End of file)

4.AmigaOS 4.1:>

Ram Disk:> Work:MPlayer-1.1-svn-2015.05.21/MPlayer -benchmark -nosound -ao null -vo null -lavdopts

skiploopfilter=none Work:Prometheus-Trailer.mp4

MPlayer SVN-r37401 (C) 2000-2015 MPlayer Team

211 audio & 442 video codecs

Playing Work:Prometheus-Trailer.mp4.

libavformat version 56.33.101 (internal)

libavformat file format detected.

[mov,mp4,m4a,3gp,3g2,mj2 @ 0x23d48690]stream 0, timescale not set

[h264 @ 0x23e7b4f0]Warning: not compiled with thread support, using thread emulation

[aac @ 0x23e7b4f0]Warning: not compiled with thread support, using thread emulation

[mpeg @ 0x23e7b4f0]Warning: not compiled with thread support, using thread emulation

[lavf] stream 0: video (h264), -vid 0

[lavf] stream 1: audio (aac), -aid 0, -alang eng

[lavf] stream 2: video (mpeg), -vid 1

VIDEO: [H264] 1920x816 24bpp 23.976 fps 6828.3 kbps (833.5 kbyte/s)

Clip info:

major_brand: mp42

minor_version: 0

compatible_brands: mp42isomavc1

creation_time: 2011-12-23 08:24:51

genre: Trailer

artist: 20th Fox

title: Prometheus - Trailer

encoder: HandBrake 4344svn 2011111001

date: 2012

Load subtitles in Work:

Opening video decoder: [ffmpeg] FFmpeg's libavcodec codec family

libavcodec version 56.39.100 (internal)

[h264 @ 0x23e7b4f0]Warning: not compiled with thread support, using thread emulation

Selected video codec: [ffh264] vfm: ffmpeg (FFmpeg H.264)

Audio: no sound

Starting playback...

Movie-Aspect is 2.35:1 - prescaling to correct movie aspect.

VO: [null] 1920x816 => 1920x816 Planar YV12

BENCHMARKs: VC: 190.363s VO: 0.009s A: 0.000s Sys: 5.132s = 195.504s

BENCHMARK%: VC: 97.3703% VO: 0.0045% A: 0.0000% Sys: 2.6252% = 100.0000%

Exiting... (End of file)

Ram Disk:>