mpeg2 render produces file that report 104857 kb/s as video bit rate no matter the renders bitrate setting

Submitted by ttguy on Sat, 02/02/2013 - 14:22
Posted in

- Bug reports [1]

Anyone else have this:

If I render using the mpeg-2 settings and use different bit rate settings the resulting file always reports a bit rate of 10,4857 kbs when analyzed by ffprobe and when being imported into my DVD authoring software.
Interestingly ffprobe reports two different video bit rates. One is 104857 kb/s no matter what and the other is more like the requested bit rate.

eg file rendered with 1000 as the video bit rate setting
ffprobe home_movies_vol24d_PAL1000.mpg
avprobe version 0.8.5-4:0.8.5-0ubuntu0.12.04.1, Copyright (c) 2007-2012 the Libav developers
built on Jan 24 2013 18:03:14 with gcc 4.6.3
[mpeg @ 0x99eb240] max_analyze_duration reached
Input #0, mpeg, from 'home_movies_vol24d_PAL1000.mpg':
Duration: 00:01:23.12, start: 1.000000, bitrate: 1268 kb/s
Stream #0.0[0x1e0]: Video: mpeg2video (Main), yuv420p, 720x576 [PAR 64:45 DAR 16:9], 104857 kb/s, 25 fps, 25 tbr, 90k tbn, 50 tbc
Stream #0.1[0x1c0]: Audio: mp2, 48000 Hz, stereo, s16, 256 kb/s

rendered at 8000

$ ffprobe home_movies_vol24d_PAL8000.mpg
avprobe version 0.8.5-4:0.8.5-0ubuntu0.12.04.1, Copyright (c) 2007-2012 the Libav developers
built on Jan 24 2013 18:03:14 with gcc 4.6.3
Input #0, mpeg, from 'home_movies_vol24d_PAL8000.mpg':
Duration: 00:01:23.12, start: 1.000000, bitrate: 6877 kb/s
Stream #0.0[0x1e0]: Video: mpeg2video (Main), yuv420p, 720x576 [PAR 64:45 DAR 16:9], 104857 kb/s, 25 fps, 25 tbr, 90k tbn, 50 tbc
Stream #0.1[0x1c0]: Audio: mp2, 48000 Hz, stereo, s16, 256 kb/s

file rendered with 18000 bit rate
$ ffprobe home_movies_vol24d_PAL18000.mpg
avprobe version 0.8.5-4:0.8.5-0ubuntu0.12.04.1, Copyright (c) 2007-2012 the Libav developers
built on Jan 24 2013 18:03:14 with gcc 4.6.3
Input #0, mpeg, from 'home_movies_vol24d_PAL18000.mpg':
Duration: 00:01:23.12, start: 1.000000, bitrate: 7051 kb/s
Stream #0.0[0x1e0]: Video: mpeg2video (Main), yuv420p, 720x576 [PAR 64:45 DAR 16:9], 104857 kb/s, 25 fps, 25 tbr, 90k tbn, 50 tbc
Stream #0.1[0x1c0]: Audio: mp2, 48000 Hz, stereo, s16, 256 kb/s

I am guessing the files have really been encoded at different rates. File sizes are
1000 13mb
8000 71.5mb
18000 73.3mb
And the 1000kbs one is more blocky than the others

raised as http://www.kdenlive.org/mantis/view.php?id=2966 [2]

Source URL: http://kdenlive.org/forum/mpeg2-render-produces-file-report-104857-kbs-video-bit-rate-no-matter-renders-bitrate-setting

Links:
[1] http://kdenlive.org/forum/users-forums/bug-reports
[2] http://www.kdenlive.org/mantis/view.php?id=2966