

## Tvheadend - Bug #5033

### Libav can not find parser

2018-03-25 01:16 - Flole Systems

<b>Status:</b>	New	<b>Start date:</b>	2018-03-25
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected Versions:</b>	
<b>Found in version:</b>	4.3-1206~g5de70b4		
<b>Description</b>			
<p>I am trying to open an h264 Stream from my IPTV Provider, but something is going wrong with libav. As I am using the automatic config because of a huge amount of channels I am using. Manually setting up the pipes would take forever. This is the debug log output:</p>			
<pre>Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: Format mpegts probed with size=20 48 and score=50 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: stream=0 stream_type=1b pid=100 p rog_reg_desc= Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: stream=1 stream_type=f pid=101 pr og_reg_desc= Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: Before avformat_find_stream_info( ) pos: 0 bytes read:11507 seeks:0 nb_streams:2 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: parser not found for codec h264, packets or times may be invalid. Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: All programs have pmt, headers fo und Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: parser not found for codec h264, packets or times may be invalid. Mar 25 01:07:13 Server tvheadend[10303]: libav: AVCodecContext: nal_unit_type: 9, nal_ref_idc: 0 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVCodecContext: nal_unit_type: 7, nal_ref_idc: 3 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVCodecContext: nal_unit_type: 8, nal_ref_idc: 3 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVCodecContext: nal_unit_type: 5, nal_ref_idc: 3 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVCodecContext: Reinit context to 1920x1088, pix_f mt: yuv420p Mar 25 01:07:13 Server tvheadend[10303]: libav: AVCodecContext: no picture Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2500 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2499 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2498 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2497 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2496 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2495 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2494 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2493 Mar 25 01:07:13 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2492 Mar 25 01:07:14 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2491 Mar 25 01:07:14 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2490 Mar 25 01:07:14 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2489 Mar 25 01:07:14 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2488 Mar 25 01:07:14 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2487 Mar 25 01:07:14 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2486 Mar 25 01:07:14 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2485 Mar 25 01:07:14 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2484 Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2483 Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2482 Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2481 Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: probing stream 1 pp:2480 Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: probed stream 1 Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: parser not found for codec aac, p ackets or times may be invalid. Mar 25 01:07:15 Server tvheadend[10303]: libav: AVCodecContext: Multiple frames in a packet. Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: All info found</pre>			

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Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: Setting avg frame rate based on r
frame rate
Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: After avformat_find_stream_info()
pos: 2883544 bytes read:2884392 seeks:0 frames:25
Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: muxrate VBR,
Mar 25 01:07:15 Server tvheadend[10303]: libav: AVFormatContext: pcr every 9000 pkts, sdt every 20
0, pat/pmt every 40 pkts
Mar 25 01:07:17 Server tvheadend[10303]: service: myservice: Status changed to [Graceperiod expire
d] [Data timeout]

```

I am using the latest testing (tvheadend: version 4.3-1206~g5de70b4). When I run avprobe against that stream I get:

```

ffprobe version 3.3.4-2 Copyright (c) 2007-2017 the FFmpeg developers
  built with gcc 7 (Ubuntu 7.2.0-8ubuntu2)
  configuration: --prefix=/usr --extra-version=2 --toolchain=hardened --libdir=/usr/lib/x86_64-lin
ux-gnu --incdir=/usr/include/x86_64-linux-gnu --enable-gpl --disable-stripping --enable-avresample
--enable-avisynth --enable-gnutls --enable-ladspa --enable-libass --enable-libbluray --enable-lib
bs2b --enable-libcaca --enable-libcdio --enable-libflite --enable-libfontconfig --enable-libfreety
pe --enable-libfribidi --enable-libgme --enable-libgsm --enable-libmp3lame --enable-libopenjpeg --
enable-libopenmpt --enable-libopus --enable-libpulse --enable-librubberband --enable-libshine --en
able-libsndio --enable-libsrt --enable-libssh --enable-libtheora --enable-libt
wolame --enable-libvorbis --enable-libvpx --enable-libwavpack --enable-libwebp --enable-libx265 --
enable-libxvid --enable-libzmq --enable-libzvbi --enable-omx --enable-opengl --enable-sdl2 --enable-libdc1394 --enable-libiec61883 --enable-chromaprint --enable-frei0r --enable-lib
opencv --enable-libx264 --enable-shared
  WARNING: library configuration mismatch
  avcodec  configuration: --prefix=/usr --extra-version=2 --toolchain=hardened --libdir=/usr/li
b/x86_64-linux-gnu --incdir=/usr/include/x86_64-linux-gnu --enable-gpl --disable-stripping --enabl
e-avresample --enable-avisynth --enable-gnutls --enable-ladspa --enable-libass --enable-libbluray
--enable-libbs2b --enable-libcaca --enable-libcdio --enable-libflite --enable-libfontconfig --enabl
e-libfreetype --enable-libfribidi --enable-libgme --enable-libgsm --enable-libmp3lame --enable-li
bopenjpeg --enable-libopenmpt --enable-libopus --enable-libpulse --enable-librubberband --enable-li
bshine --enable-libsndio --enable-libsrt --enable-libspeex --enable-libssh --enable-libtheora --
enable-libtwolame --enable-libvorbis --enable-libvpx --enable-libwavpack --enable-libwebp --enabl
e-libx265 --enable-libxvid --enable-libzmq --enable-libzvbi --enable-omx --enable-opengl --enable-
opengl --enable-sdl2 --enable-libdc1394 --enable-libiec61883 --enable-chromaprint --enable-frei0r
--enable-libopencv --enable-libx264 --enable-shared --enable-version3 --disable-doc --disable-prog
rams --enable-libopencore_amrnb --enable-libopencore_amrwb --enable-libtesseract --enable-libvo_am
rwbenc --enable-netcdf
  libavutil      55. 58.100 / 55. 58.100
  libavcodec     57. 89.100 / 57. 89.100
  libavformat    57. 71.100 / 57. 71.100
  libavdevice    57.  6.100 / 57.  6.100
  libavfilter     6. 82.100 /  6. 82.100
  libavresample  3.  5.  0 /  3.  5.  0
  libswscale     4.  6.100 /  4.  6.100
  libswresample  2.  7.100 /  2.  7.100
  libpostproc   54.  5.100 / 54.  5.100
Input #0, mpegts, from 'myurl.ts':
  Duration: N/A, start: 8142.451544, bitrate: N/A
  Program 1
  Metadata:
    service_name      : Service01
    service_provider : FFmpeg
  Stream #0:0[0x100]: Video: h264 (High) ([27][0][0][0] / 0x001B), yuv420p(progressive), 1920x10
80, 25 fps, 25 tbr, 90k tbn, 50 tbc
  Stream #0:1[0x101]: Audio: aac (LC) ([15][0][0][0] / 0x000F), 48000 Hz, stereo, fltp, 142 kb/s

```

I have libx264-dev installed. Why does it seem to be unable to find those parsers?

## History

### #1 - 2018-03-25 01:18 - Fiore Systems

Sorry, category should not be Infrastructure.

### #2 - 2018-03-25 19:10 - Jaroslav Kysela

If your source is MPEG-TS, you may try to uncheck the 'Use libav library' in the auto IPTV network.

**#3 - 2018-03-26 03:15 - Flole Systems**

I have tried disabling that checkbox and the result is that the transcoding seems to fail: The pass profile works, everything else has an output bandwidth of 0 b/s. Which is easier to track down: libav or transcoding issue? I assume they are exactly the same issue, just at a different point.

**#4 - 2018-04-17 20:49 - Flole Systems**

Please give me information on how to do further debugging. Also can someone please fix the Category, I put it in the wrong one and can't change it anymore.

**#5 - 2018-04-17 22:21 - Mark Clarkstone**

- *Category deleted (Infrastructure)*