

- gdb\_log\_8003(8.2 KB) added by Suhwan 3 years ago.
   tmp.wmv(444.8 KB) added by Suhwan 3 years ago.

## Change History (5)

by Suhwan, 3 years ago

Attachment: gdb\_log\_8003added

by Suhwan, 3 years ago

Attachment: tmp.wmvadded

comment:1 by Suhwan, 3 years ago

## FFmpeg Version: 4.2 (git master)

Many division by zero bugs are triggered.

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| Fiftpeg version N-94906-gcb8d6a4e3e Copyright (c) 2000-2019 the FFmpeg developers built with clang version 6.0.0-lubuntu2 (tags/RELEASE 600/final) configuration: --ce-clang --cex=clang+--ld=clang --enable-debug --toolchain=clan libavcodec 58.56.101 / 58.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56.101 / 18.56
                                         Metadata: : Lavf57.66.105

Duration: 00:00:05.63, start: 0.000000, bitrate: 647 kb/s

Duration: 00:00:05.63, start: 0.000000, bitrate: 647 kb/s

Stream #0:0: Video: wmv2 (MWV2 / 0x32564D57), yuv420p, 560x320, SAR 1:1 DAR 7:4,

Stream #0:1(eng): Audio: wmav2 (a[1][0][0] / 0x0161), 48000 Hz, mono, fltp, 128
Stream #0:0: Video: wmv2 (WMV2 / Ox32564D57), yuv42Up, boxxxzu, bak :: Dak ...,
Stream #0:10 -> #0:0 (wmv2 (native) -> zmbv (native))

Stream #0:0 -> #0:0 (wmv2 (native) -> zmbv (native))

Stream #0:1 -> #0:1 (wmav2 (native) -> aac (native))

Press [q1 to stop, [?] for help
[aac #0 (x03399480] Bitrate 45 is extremely low, maybe you mean 45k
The bitrate parameter is set too low. It takes bits/s as argument, not kbits/s
libavcodec/aaccoder.c:554:45c; runtime error: division by zero
libavcodec/aaccoder.c:556:48; runtime error: division by zero
[mov #0 (x9389400] Using MS style video codec tag, the file may be unplayable!
Output #0, mov, to 'tmp_.mov':

Metadata:
encoder
encoder:
Lavf58.32.104

Stream #0:0: Video: zmbv, bgr0, 560x320 [SAR 1:1 DAR 7:4], q=2-31, 292 kb/s, 14

Metadata:
encoder:
Lavc58.56.101 zmbv
Stream #0:1(eng): Audio: aac (LC) (mp4a / 0x6134706D), 48000 Hz, mono, fltp, 0:1

Metadata:
encoder:
Lavc58.56.101 aac
frame= 166 fps=6.0 q=-0.0 Lsize= 9258kB time=00:00:11.78 bitrate=6434.9kbits/s :
video:9255kB audio:0kB subtitle:0kB other streams:0kB global headers:0kB muxing over
[aac #0 0x3399480] Qavg: 0.000
                                                       ┫
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Last edited 3 years ago by Suhwan (previous) (diff)

Patch avoiding the floating point divisions by 0 is on the ffmpeg-devel mailing list. https://lists.ffmpeg.org/pipermail/ffmpeg-devel/2021-May/280730.html How this would allow a Denial of Service in reality is not clear.

comment:3 by Michael Niedermayer, 19 months ago

 $\begin{aligned} & \text{Resolution:} \rightarrow \text{fixed} \\ & \text{Status:} \quad \text{new} \rightarrow \text{closed} \end{aligned}$ 

Fixed in a7a7f32c8ad0179a1a85d0a8cff35924e6d90be8

**Note:** See TracTickets for help on using tickets.