#9312 closed defect (fixed)

assertion failed in av_rescale_delta

Reported by:	dzj	Owned by:	
Priority:	important	Component:	undetermined
Version:	git-master	Keywords:	crash abort
Cc:	dzj	Blocked By:	
Blocking:		Reproduced by developer:	yes
Analyzed by	no		

Description

Summary of the bug there is an assertion failure at src/libavutil/mathematics.c, causing ffmpeg aborted.

System info

Ubuntu 18.04.5 LTS

clang version 10.0.0 ffmpeg version (git commit de8e6e67e7523e48bb27ac224a0b446df05e1640) commit date:Wed Jun 30 09:34:09 2021

```
./configure --cc=clang --cxx=clang++ --ld=clang --enable-debug make
```

How to reproduce

```
ffmpeg ffmpeg -y -i crash input -c:v mpeg4 -c:a copy -f mp4 /dev/null
```

Gdb output

```
Assertion duration >= 0 failed at src/libavutil/mathematics.c:172
Thread 1 "ffmpeg_g" received signal SIGABRT, Aborted.
GI raise (sig=sig@entry=6) at ../sysdeps/unix/sysv/linux/raise.c:51
51 ./sysdeps/unix/sysv/linux/raise.c: No such file or directory (gdb) bt
#0 GI raise (sig=sig@entry=6) at ../sysdeps/unix/sysv/linux/raise.c
End of assembler dump.
(gdb) info all-registers
rax 0x0 0
rbx 0x22b4040
                            0x22b4040 36388928
0x7ffff7246fb7 140737339748279
  rcx
  rdx
                            0x0 0
0x7fffffffcdc0 140737488342464
  rsi
  rdi
                            0x2 2
0x22cab00
 rbp
                            0x22cab00 0x7fffffffcdc0 0x7ffffffffcdc0
  rsp
r8
                            0x0 0
0x7fffffffcdc0 140737488342464
                       4294960146

...∠b3b80 36387712
0x22b4240 36389340
0x22cc4cdfb7 0x7ffff7246fb7 <_GI_raise+199>
0x246 [ PF 2F IF ]
0x33 51
0x2b 43
0x0 0
  r10
 r11
 r13
  r14
r15
 rip
eflags
 cs
ss
ds
es
fs
                                           gs st0 st1 st2 st3 st4 st5 st6 st6 st7 fctr1 ffstat ftag fioff foseg fooff fop mxcsr k0 k1 k2 k2 k3 k4 k5 k6 k7
                           0
65535
                                        0 [ PE IM DM ZM OM UM PM ]
0x0, config = {base = 0x0, reserved = 0x0, preserved = 0x0, 0x0, status = {bde = 0x0, error = 0x0}} {raw = 0x0, status}
                            0x5555554 1431655764
{v16_float = {0x0, 0x0, 0x0, 0x0, 0x0 <repeats 12 times>}, v8_double
```



 abort_bug_input(399.8 KB) - added by dzj 18 months ago. poc file

Change History (5)

```
by dzj, 18 months ago
    Attachment: abort_bug_inputadded
   poc file
comment:1 by dzj, 18 months ago
    \textit{Version: unspecified} \rightarrow \textit{git-master}
comment:2 by dzj, 18 months ago
    Priority: normal → important
comment:3 by Carl Eugen Hoyos, 18 months ago
            Component:
                                   avutil → undetermined
                                   crash abort added
             Keywords:
    Reproduced by developer: set
       Status:
                                  new \rightarrow open
        Metadata:
encoder
: Lavf59.4.100
Stream #0:0: Audio: adpcm_ms ([2][0][0] / 0x0002), 786432000 Hz, 22050 channel:
Stream mapping:
Stream #0:1 -> #0:0 (copy)
Press [q] to stop, [?] for help
Assertion duration >= 0 failed at libavutil/mathematics.c:172
Aborted (core dumped)
             ◂
```

comment:4 by James, 17 months ago

 $\begin{tabular}{ll} Resolution: \rightarrow fixed \\ Status: $open \rightarrow closed \\ \end{tabular}$

Should be fixed in e01d306c647b5827102260b885faa223b646d2d1

Note: See TracTickets for help on using tickets.

