#8863 closed defect (fixed)

Opened 2 years ago Closed 2 years ago

null pointer reference

Reported by:	lys404	Owned by:	
Priority:	important	Component:	avcodec
Version:	git-master	Keywords:	aac crash SIGSEGV
Cc:		Blocked By:	
Blocking:		Reproduced by developer:	yes
Analyzed by developer:	no		

Description

Summary of the bug: There're null pointer in libavutil/mem.c

How to reproduce:

```
% ffmpeg -i SPoC output
ffmpeg version
built on ffmpeg version N-98759-glc7e55d Copyright (c) 2000-2020 the FFmpeg develo
built with gcc 5.4.0 (Ubuntu 5.4.0-Gubuntu1~16.04.12) 20160609
configuration: --prefix=./out --disable-stripping --enable-debug --cc=afl-gcc --
           4
```

Frror information

Program received signal SIGSEGV, Segmentation fault.

```
gdb-peda$ bt
0 0x0000000038aaf2b in av_freep (arg=arg@entry=0x433f08b2c82f1376) at libavoutil
2 0x0000000003cdeded in ff_mdct_end (s=s@entry=0x433f08b2c82f1376) at libavoutel
2 0x0000000005def5f in ff_aac_sbr_ctx_close (sbr=ox433f08b2c82f1326) at libavocdev
3 0x0000000002cf2f90 in che_configure (channels=<synthetic pointer>, id=0x0, typ
at libavcodev_aacdec_template.c:152
4 output_configure (ac=0x49bb200, layout_map=<optimized out>, tags=0x10, oc_type
at libavcodev_aacdec_template.c:543
5 0x000000002cfef22 in aac_decode frame int (avctx=avctx@entry=0x49b8a00, data=
got_frame_ptr=got_frame_ptr@entry=0xfffffffd860, gb=gb@entry=0xffffffd7dd,
6 0x000000002c16f22 in aac_decode frame (avctx=0x49b8a00, data=0x49baac0, got_f
at libavcodev_aacdec_template.c:3457
7 0x0000000001818f01 in decode simple internal (frame=<optimized out>, avctx=<optimized out>, avctx=0x908 decode simple receive frame fframe=<optimized out>, avctx=<optimized out>, avctx=0x100000000001818f01 in decode simple internal (avctx=0x49b8a00, data=0x49baac0, got_f
at libavcodev_aacdec_template.c:3457
10 0x0000000001818f01 in decode simple preceive frame fframe=<optimized out>, avctx=<optimized out>, optimized out>, optimized out>, optimized out>, optimized out>, optimized out>, frame=0x49b8a00, avpt=
fill 0x0000000005db10 in open files (1=0x49b7058, 1=0x49b7058, open file=0x5f2730
at fffrools/ffmpeg opt.c:3303
stfmpeg parse optimised out>, rild_fini=<optimized out>, stack_end=0x7fffffff648) at fill 0x00000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Þ
                                                                                        4
```

```
rsi
rdi
rdi
rdp
rdi
rsp
rs
rs
rs
rs
r9
r10
r112
r13
r14
r15
rip
eflags
cs
ss
ds
es
fs
gs
st1
st2
st3
st4
st5
st6
st6
fstc7
fctr1
fstat
ftag
ffiseg
                                      0x0
0xffff
0x0
0x0
                                                         0x0
0xffff
0x0
0x0
       foseg
```

```
fop 0x0 0x0 mxcsr 0xifa0 [ PE IM DM ZM OM UM PM ]

Please confirm.
Thanks
```

Attachments (1)

poc(155.5 KB) - added by lys404 2 years ago.

Change History (3)

```
by lys404, 2 years ago
    Attachment: pocadded
comment:1 by Carl Eugen Hoyos, 2 years ago
                                undetermined \rightarrow avcodec
            Component:
                                   aac crash SIGSEGV added
             Keywords:
               Priority:
                                   normal \rightarrow important
    Reproduced by developer: set
Status: new
                                 \mathsf{new} \to \mathsf{open}
               Version:
                                   unspecified \rightarrow git\text{-}master
    Likely related to #8845
comment:2 by Carl Eugen Hoyos, 2 years ago
    \text{Resolution:} \rightarrow \text{fixed}
      Status \colon \quad \mathsf{open} \to \mathsf{closed}
    Fixed by Jan Ekström in d6f293353c94c7ce200f6e0975ae3de49787f91f
```

Note: See TracTickets for help on using tickets.