



## SoX - Sound eXchange Bugs

Brought to you by: cbagwell, mansr, robs, uklauer

```
#351 div zero in voc.c
                                                                                                                                                    3
Status: open
                               Owner: nobody
                                                                      Labels: bug (6)
Updated: 2021-04-20 Created: 2021-04-20 Creator: treebacker
                                                                                                       Private: No
There is a div zero in voc.c:334, functon read_samples .
The trigger command: ./src/.libs/sox bug3 -n noiseprof /dev/null
ubuntu@VM-0-3-ubuntu:~/treebacker/fuzzwork/dataset/tprogram/sox-code/asan/sox-code$ ./src/.libs,
ASAN:DEADLYSIGNAL
      AddressSanitizer can not provide additional info.
SUMMARY: AddressSanitizer: FPE /home/ubuntu/treebacker/fuzzwork/dataset/tprogram/sox-code/asan/so
==30127==ABORTING
       0x9 ('\t')
0x6faf00 --> 0xc ('\x0c')
      0x6faf00 ---
0x42c8
0x0
0x6
0x6f9d80 --> 0x0
0x7ffff7dcefe0 --> 0x1
      0x6f9d80 --> 0x0
0x7fffffcefe0 --> 0x1
0x2000 ('')
0x7ffffffb100 --> 0x703f28 --> 0x0
0x7fffffb7610c (-read_samples+572>: idiv DWORD PTR [rbx+0x34])
0xb40 ('@\x0b')
0x7ffffffe10f --> 0x86c3b2d214790000
0x6f9d80 --> 0x0
0x7fffffabfd90 (<sox_write>: push r15)
0x703f10 --> 0x6c90000000000000 ('')
0x6ld510 --> 0x65db30 --> 0x0
0x6ld510 --> 0x65db30 --> 0x1
0xc ('\x0c')
6S: 0x10246 (carry PARITY adjust ZERO sign trap INTERRUPT direction overflow)
    0x7fffffffelb0 -> 0x703f28 -> 0x0
0x7fffffffelb0 -> 0x6faf00 -> 0x0
0x7fffffffelc0 -> 0x6faf00 -> 0x0
0x7ffffffelc0 -> 0x1
     The crafted file is attached.
1 Attachments
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```

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