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segment fault in apply_sao_internal when decoding file #234

⊙ Open leonzhao7 opened this issue on Dec 24, 2019 · 1 comment leonzhao7 commented on Dec 24, 2019 segment fault in apply_sao_internal when decoding file I found some problems during fuzzing **Test Version** dev version, git clone https://github.com/strukturag/libde265 **Test Environment** root@ubuntu:~# lsb release -a No LSB modules are available Distributor ID: Ubuntu Description: Ubuntu 16.04.6 LTS Release: 16.04 Codename: xenial root@ubuntu:#+ ie #4916.04.1-Ubuntu SMP Tue Jan 29 18:03:48 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux **Test Configure** ./configure configure: configure: Building dec265 example: yes configure: Building sherlock265 example: no configure: Building encoder: yes configure: -**Test Program** dec265 [infile] **Asan Output** root@ubuntu:~# ./dec265 libde265-apply_sao_internal-segment.crash WARNING: non-existing PPS referenced WARNING: non-existing PPS referenced WARNING: end_of_sub_stream_one_bit not set to 1 when it should be WARNING: end_of_sub_stream_one_bit not set to 1 when it should be WARNING: pps header invalid ==34516==ERROR: AddressSanitizer: SEGV on unknown address 0x62c02b4f5c83 (pc 0x00000045b20d bp 0x7ffc86181280 sp 0x7ffc86180f90 T0) #0 0x45b20c in void apply_sao_internal<unsigned short>(de265_image*, int, int, slice_segment_header const*, int, int, int, int, unsigned short const*, int, unsigned short const*, int, unsigned short const*, int, int, unsigned short const*, unsigned short co /root/src/libde265/libde265/sao.cc:252 #1 0x45973e in void apply_sao<unsigned char>(de265_image*, int, int, slice_segment_header const*, int, int, int, int, unsigned char const*, int, unsigned char*, int) /root/src/libde265/libde265/sao.cc:270 #2 0x457778 in apply_sample_adaptive_offset_sequential(de265_image*) /root/src/libde265/libde265/sao.cc:361 #3 0x413bed in decoder_context::run_postprocessing_filters_sequential(de265_image*) /rout/src/libde265 #8 0x7f71b014282f in __libc_start_main (/lib/x86_64-linux-gnu/libc.so.6+0x2082f) #9 0x402b28 in _start (/root/dec265+0x402b28) AddressSanitizer can not provide additional info SUMMARY: AddressSanitizer: SEGV /root/src/libde265/libde265/sao.cc:252 void apply_sao_internal<unsigned short>(de265_image*, int, int, slice_segment_header const*, int, int, int, unsigned short*, int, unsigned short*, int) ==34516==ABORTING POC file libde265-apply_sao_internal-segment.zip password: leon.zhao.7

coldtobi commented last week

Zhao Liang, Huawei Weiran Labs

CREDIT

Assignees	
No one assigned	
Labels	
None yet	
Projects	
None yet	
Milestone	
No milestone	
Development	
No branches or pull requests	

2 participants

