Global init order:

Poisoned by user: Container overflow: Array cookie: Intra object redzone: f6

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A heap-buffer-overflow in box_dump.c:350 #1587

 ○ Closed) seviezhou opened this issue on Sep 4, 2020 · 0 comments seviezhou commented on Sep 4, 2020 System info Ubuntu x86_64, gcc (Ubuntu 5.5.0-12ubuntu1), MP4Box (latest master 5a884e) Configure CFLAGS="-g -fsanitize=address" LDFLAGS="-fsanitize=address" ./configure --static-mp4box ./bin/gcc/MP4Box -disox -ttxt -2 -dump-chap-ogg -dump-cover -drtp -bt -out /dev/null @@ AddressSanitizer output $==66592==ERROR: AddressSanitizer: heap-buffer-overflow on address \\ 0x602000000e054 at pc \\ 0x7f91d0a841d9 bp \\ 0x7ffcd7145d60 sp \\ 0x7ffcd7145d80 \\ READ of size 5 at \\ 0x60200000e054 thread \\ T0$ #0 0x7f91d0a841d8 (/usr/lib/x86_64-linux-gnu/libasan.so.2+0x601d8)
#1 0x7f91d0a84bbc in __interceptor_vfprintf (/usr/lib/x86_64-linux-gnu/libasan.so.2+0x60bbc) #2 0x55ad61358dd0 in gf fprintf utils/os file.c:1512 #3 0x55ad619271c4 in url_box_dump isomedia/box_dump.c:350 #4 0x55ad61979ed0 in gf isom box dump isomedia/box funcs.c:1926 #5 0x55ad6192490a in gf_isom_box_array_dump_isomedia/box_dump.c:101 #6 0x55ad6197a057 in gf_isom_box_dump_done_isomedia/box_funcs.c:1933 #7 0x55ad6192d385 in dref_box_dump isomedia/box_dump.c:863 #8 0x55ad61979ed0 in gf isom box dump isomedia/box funcs.c:1926 #9 0x55ad6192490a in gf_isom_box_array_dump isomedia/box_dump.c:101
#10 0x55ad6197a057 in gf_isom_box_dump_done isomedia/box_funcs.c:1933 #11 0x55ad61927135 in dinf_box_dump isomedia/box_dump.c:339
#12 0x55ad61979ed0 in gf_isom_box_dump isomedia/box_funcs.c:1926 #13 0x55ad6192490a in gf_isom_box_array_dump isomedia/box_dump.c:101 #14 0x55ad6197a057 in gf_isom_box_dump_done isomedia/box_funcs.c:1933 #15 0x55ad61931825 in minf_box_dump isomedia/box_dump.c:1253
#16 0x55ad61979ed0 in gf_isom_box_dump isomedia/box_funcs.c:1926 #17 0x55ad6192490a in gf_isom_box_array_dump isomedia/box_dump.c:101 #18 0x55ad6197a057 in gf_isom_box_dump_done isomedia/box_funcs.c:1933 #19 0x55ad619323a5 in mdia_box_dump isomedia/box_dump.c:1296 #20 0x55ad61979ed0 in gf_isom_box_dump isomedia/box_funcs.c:1926 #21 0x55ad6192490a in gf_isom_box_array_dump isomedia/box_dump.c:101 #22 0x55ad6197a057 in gf_isom_box_dump_done isomedia/box_funcs.c:1933
#23 0x55ad61928bb8 in trak_box_dump isomedia/box_dump.c:550 #24 0x55ad61979ed0 in gf_isom_box_dump isomedia/box_funcs.c:1926 #25 0x55ad6192490a in gf_isom_box_array_dump isomedia/box_dump.c:101 #26 0x55ad6197a057 in gf_isom_box_dump_done isomedia/box_funcs.c:1933 #27 0x55ad61925df0 in moov_box_dump isomedia/box_dump.c:217 #28 0x55ad61979ed0 in gf_isom_box_dump isomedia/box_funcs.c:1926 #29 0x55ad61924c92 in gf_isom_dump isomedia/box_dump.c:135 #30 0x55ad612fef09 in dump_isom_xml /home/seviezhou/gpac/applications/mp4box/filedump.c:1671 #31 0x55ad612d0754 in mp4boxMain /home/seviezhou/gpac/applications/mp4box/main.c:5550 #32 0x7f91cfa50b96 in __libc_start_main (/lib/x86_64-linux-gnu/libc.so.6+0x21b96)
#33 0x55ad612afbe9 in _start (/home/seviezhou/gpac/bin/gcc/MP4Box+0x280be9) 0x60200000e054 is located 0 bytes to the right of 4-byte region [0x60200000e050,0x60200000e054) #0 0x791d0abc612 in malloc (/usr/lib/x86_64-linux-gnu/libasan.so.2+0x98612) #1 0x55ad62bea6a9 in url_box_read isomedia/box_code_base.c:580 SUMMARY: AddressSanitizer: heap-buffer-overflow ??:0 ?? Shadow bytes around the buggy address: 0x0c047fff9b0b: fa fa 00 fa fa fa 00 00 fa fa 00 00 fa fa 02 fa 0x0c047fff9bc0: fa fa 00 00 fa fa 00 00 fa fa 00 00 fa fa 00 00 0x0c047fff9bd0: fa fa 00 00 fa fa 00 00 fa fa 00 00 fa fa 00 00 0x0c047fff9be0: fa fa 00 00 fa fa 00 05 fa fa 00 00 fa fa 00 00 0x0c047fff9bf0: fa fa 00 00 fa 0 =>0x0c047fff9c00: fa fa 00 fa fa fa 00 00 fa fa[04]fa fa fa 00 00 0x0c047fff9c10: fa fa 00 00 fa fa 00 05 fa fa 00 00 fa fa 00 00 0x0c047fff9c20: fa fa 00 00 fa fa 00 00 fa fa 00 00 fa fa 00 00 ox0c047fff9c30: fa fa 00 00 fa fa 00 00 fa fa fa fd fa fa fa 00 fa 0x0c047fff9c40: fa fa 00 00 fa fa 00 00 fa fa 00 00 fa fa fa 0f fa 0x0c047fff9c50: fa fa 00 02 fa fa 04 fa fa fa fd fa fa fa fo 07 fa Shadow byte legend (one shadow byte represents 8 application bytes): Addressable: 00 Partially addressable: 01 02 03 04 05 06 07 Heap left redzone: fa Heap right redzone: Freed heap region: Stack left redzone: Stack mid redzone: Stack right redzone: Stack partial redzone: Stack after return: Stack use after scope: Global redzone:

ASan internal: ==66502==ABORTING	fe					
POC						
heap-overflow-url_box_dump-box_dump-350.zip						

(a) jeanlf closed this as completed in 388ecce on Sep 7, 2020

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

