Jump to bottom

A heap-buffer-overflow in RIFF.cpp:1151 #1



New issue

⊙ Open seviezhou opened this issue on Aug 15, 2020 · 0 comments

seviezhou commented on Aug 15, 2020

The User account creation has been disabled in Bugzilla, so I have to report it here.

System info

Ubuntu x86_64, gcc (Ubuntu 5.5.0-12ubuntu1), gigextract (latest master 237fd8)

Command line

./src/tools/gigextract @@ /tmp/libgig

AddressSanitizer output

==80141==ERROR: AddressSanitizer: heap-buffer-overflow on address 0x60700000de40 at pc 0x0000004399ac bp 0x7ffd832c3e70 sp 0x7ffd832c3e60 READ of size 4 at 0x60700000de40 thread TO

#0 0x4399ab in RIFF::List::GetSubList(unsigned int) /home/seviezhou/libgig/src/RIFF.cpp:1151

#1 0x4660d6 in gig::File::LoadGroups() /home/seviezhou/libgig/src/gig.cpp:6966

#1 exweeded in gg::rile::Loadsmup() / nome/sevteznou/logig/src/gig.cpp:6346
#2 exkedede in gig::file::GatSamples(RIFF::progress_t*) / home/sevtezhou/libgig/src/gig.cpp:6237
#4 exweeded in gig::file::GetFirstSample(RIFF::progress_t*) / home/sevtezhou/libgig/src/gig.cpp:6237
#4 exweeded in ExtractSamples(gig::File*, char*, std::map<unsigned int, bool, std::less<unsigned int>, std::allocator<std::pair<unsigned int const, bool> >>)
//home/sevtezhou/libgig/src/tools/gigextract.cpp:212

#5 0x40651c in main /home/seviezhou/libgig/src/tools/gigextract.cpp:162
#6 0x7f9a0810d83f in __libc_start_main (/lib/x86_64-linux-gnu/libc.so.6+0x2083f)

#7 0x4082f8 in _start (/home/seviezhou/libgig/src/tools/gigextract+0x4082f8)

0x60700000de40 is located 0 bytes to the right of 80-byte region [0x60700000ddf0,0x60700000de40)

#0 0x7f9a092ca532 in operator new(unsigned long) (/usr/lib/x86 64-linux-gnu/libasan.so.2+0x99532)

#1 0x437f48 in RIFF::List::LoadSubChunks(RIFF::progress_t*) /home/seviezhou/libgig/src/RIFF.cpp:1508

SUMMARY: AddressSanitizer: heap-buffer-overflow /home/seviezhou/libgig/src/RIFF.cpp:1151 RIFF::List::GetSubList(unsigned int)

0x0c0e7fff9b90: fa fa fa fa 00 00 00 00 00 00 00 00 00 00 fa fa 0x0c0e7fff9ba0: fa fa 00 00 00 00 00 00 00 00 00 00 fa fa fa fa

0x0c0e7fff9bb0: 00 00 00 00 00 00 00 00 00 fa fa fa fa 60 00

0x0c0e7fff9c00: fa fa fa fa 00 00 00 00 00 00 00 00 00 fa fa

0x0c0e7fff9c10: fa fa 00 00 00 00 00 00 00 00 00 fa fa fa 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: f1

Stack mid redzone:

Stack right redzone: Stack partial redzone:

Stack after return:

Stack use after scope: Global redzone:

Global init order:

Poisoned by user:

Container overflow: Array cookie:

Intra object redzone:

ASan internal: ==80141==ABORTING

POC

heap-overflow-GetSubList-RIFF-1151.zip

Assianees

No one assigned

Labels

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

1 participant

