New issue

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Out-of-range in function tinyexr::SaveEXR tinyexr.h:13107 #109

Closed **ChijinZ** opened this issue on Mar 4, 2019 · 0 comments

ChijinZ commented on Mar 4, 2019

I build tinyexr with clang and address sanitizer. When testcase (see: https://github.com/ChijinZ/security_advisories/blob/master/tinyexr_65f9859/crashes/out-of-range-in-tinyexr.h:13107) is input into test_tinyexr (command: ./test_tinyexr testcase), a out-of-range has triggered.

```
(gdb) bt
#0  __GI_raise (sig=sig@entry=6) at ../sysdeps/unix/sysv/linux/raise.c:51
#1  0x00007ffff6aba801 in __GI_abort () at abort.c:79
#2  0x00007ffff7ad88b7 in ?? () from /usr/lib/x86_64-linux-gnu/libstdc++.so.6
#3  0x00007ffff7adea06 in ?? () from /usr/lib/x86_64-linux-gnu/libstdc++.so.6
#4  0x00007ffff7adea41 in std::terminate() () from /usr/lib/x86_64-linux-gnu/libstdc++.so.6
#5  0x00007ffff7adec74 in __cxa_throw () from /usr/lib/x86_64-linux-gnu/libstdc++.so.6
#6  0x00007ffff7ada7b5 in ?? () from /usr/lib/x86_64-linux-gnu/libstdc++.so.6
#7  0x000000000058df09 in std::vector<float, std::allocator<float> >::_M_range_check (this=<optimized out>, __n=0)
    at /usr/bin/../lib/gcc/x86_64-linux-gnu/7.3.0/../../../../include/c++/7.3.0/bits/stl_vector.h:825
#8  std::vector<float, std::allocator<float> >::at (this=<optimized out>, __n=0) at /usr/bin/../lib/gcc/x86_64-linux-gnu/7.3.0/../../../../include/c++/7.3.0/bits/stl_vector.h:846
#9  SaveEXR (data=<optimized out>, width=0, height=112, components=4, save_as_fp16=1, outfilename=0x5f38e0 <.str> "output.exr", err=<optimized out>) at
/home/jin/Documents/cve/tinyexr/./tinyexr.h:13107
#10 0x000000000058f01c in main (argc=<optimized out>, argv=<optimized out>) at test_tinyexr.cc:141
```

syoyo added a commit that referenced this issue on Mar 5, 2019

`Add check for invalid input value. Fixes #106 #107 #108 #109` 6c3b01f

syoyo closed this as completed on Mar 5, 2019

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

2 participants