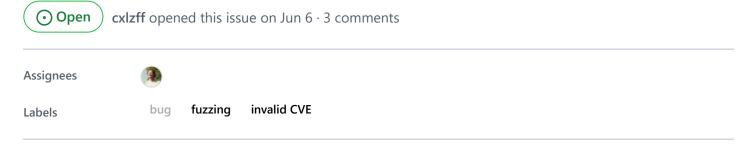


Assertion dwg2dxf: decode.c:5801: int decode\_preR13\_entities(BITCODE\_RL, BITCODE\_RL, unsigned int, BITCODE\_RL, BITCODE\_RL, Bit\_Chain \*, Dwg\_Data \*): Assertion '!dat->bit' failed. Aborted. #492



#### cxlzff commented on Jun 6

# system info

Ubuntu x86\_64, clang 6.0, dwg2dxf(0.12.4.4608)

### Command line

./programs/dwg2dxf -b -m @@ -o /dev/null

## output

dwg2dxf: decode.c:5801: int decode\_preR13\_entities(BITCODE\_RL, BITCODE\_RL, unsigned int, BITCODE\_RL, BITCODE\_RL, Bit\_Chain \*, Dwg\_Data \*): Assertion `!dat->bit' failed. Aborted

### poc

https://gitee.com/cxlzff/fuzz-poc/raw/master/libredwg/decode\_preR13\_entities\_Assertion

```
abergmann commented on Jun 24
```

CVE-2022-33024 was assigned to this issue.

### rurban commented on Jun 24

Contributor

Invalid CVE, not repro in the latest release 0.12.5

```
programs/dwg2dxf -b ../test/issues/gh492/decode_preR13_entities_Assertion
Reading DWG file ../test/issues/gh492/decode_preR13_entities_Assertion
ERROR: This version of LibreDWG is only capable of decoding version r13-r2018 (code: AC1012-
AC1032) DWG files.
We don't decode many entities and no blocks yet.
ERROR: Unknown object type 0
ERROR: Invalid table number 16 for LAYER
ERROR: Invalid table number 65548 for STYLE
                                               [ 3]
ERROR: Invalid table number 128 for LTYPE
                                             [ 5]
ERROR: Invalid table number 67371008 for VIEW
                                                  [ 6]
ERROR: Invalid table number -1643903996 for UCS
                                                    [ 7]
ERROR: Invalid table number -457043299 for VPORT
                                                    [8]
ERROR: Invalid table number -999567258 for APPID
                                                    [ 9]
ERROR: Invalid table number -791621424 for DIMSTYLE [10]
ERROR: Invalid table number 67372036 for VX
                                                  [11]
ERROR: Failed to decode file: ../test/issues/gh492/decode_preR13_entities_Assertion 0x800
READ ERROR 0x800
```



nurban added the invalid CVE label on Jun 24

### ajakk commented on Jul 2

That doesn't necessarily mean the CVE is invalid, just that the description is wrong. That said, did anyone tell MITRE?

### Assignees



rurban

| bug    | fuzzing      | invalid CVE  |  |  |  |
|--------|--------------|--------------|--|--|--|
| Projec | ts           |              |  |  |  |
| None : | /et          |              |  |  |  |
| Milest | one          |              |  |  |  |
| No mi  | estone       |              |  |  |  |
| Develo | ppment       |              |  |  |  |
| No bra | inches or pu | Ill requests |  |  |  |

4 participants









