New issue

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## A stack-buffer-overflow in VectorGraphicOutputDev.cc:1158 #106



⊙ Open seviezhou opened this issue on Aug 1, 2020 · 0 comments

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seviezhou commented on Aug 1, 2020 System info Ubuntu X64, gcc (Ubuntu 5.5.0-12ubuntu1), pdf2swf (latest master fad6c2) Command line ./pdf2swf -qq -z -o /dev/null ./stack-overflow-drawGeneralImage-VectorGraphicOutputDev-1158 AddressSanitizer output ==6137==ERROR: AddressSanitizer: stack-buffer-overflow on address 0x7ffd2a9dcbb0 at pc 0x55fd97e56068 bp 0x7ffd2a9dc230 sp 0x7ffd2a9dc220 WRITE of size 1 at 0x7ffd2a9dchb0 thread T0 GfxImageColorMap\*) /home/seviezhou/swftools/lib/pdf/VectorGraphicOutputDev.cc:1158
#1 0x55fd97e58db0 in VectorGraphicOutputDev::drawSoftMaskedImage(GfxState\*, Object\*, Stream\*, int, int, GfxImageColorMap\*, Stream\*, int, int, GfxImageColorMap\*) /home/seviezhou/swftools/lib/pdf/VectorGraphicOutputDev.cc:1475
#2 0x55fd97d658a8 in Gfx::doImage(Object\*, Stream\*, int) xpdf/Gfx.cc:3658
#3 0x55fd97d81d42 in Gfx::opXObject(Object\*, int) xpdf/Gfx.cc:3336 #4 0x55fd97d4f5e5 in Gfx::go(int) xpdf/Gfx.cc:584 #5 0x55fd97d50e9f in Gfx::display(Object\*, int) xpdf/Gfx.cc:556 #11 0x7f3da48a4b96 in \_\_libc\_start\_main (/lib/x86\_64-linux-gnu/libc.so.6+0x21b96) #12 0x55fd97a7df09 in \_start (/home/seviezhou/swftools/src/pdf2swf+0x17cf09) Address 0x7ffd2a9dcbb0 is located in stack of thread T0 at offset 2240 in frame GfxImageColorMap\*) /home/seviezhou/swftools/lib/pdf/VectorGraphicOutputDev.cc:1127 This frame has 15 object(s): [32, 36) 'gray' [96, 104) 'x1' [160, 168) 'y1' [288, 296) 'y2' [352, 360) 'x3' [416, 424) 'y3' [480, 488) 'x4' [544, 552) 'y4' [608, 620) 'rgb' [672, 752) 'color\_transform [800, 1824) 'pal' [1856, 1860) 'pixBuf [1920, 1928) 'buf' [1984, 2240) 'pal' <== Memory access at offset 2240 overflows this variable
HINT: this may be a false positive if your program uses some custom stack unwind mechanism or swapcontext (longjmp and C++ exceptions \*are\* supported) SUMMARY: AddressSanitizer: stack-buffer-overflow /home/seviezhou/swftools/lib/pdf/VectorGraphicOutputDev.cc:1158 VectorGraphicOutputDev::drawGeneralImage(GfxState\*, Object\*, Stream\*, int, int, GfxImageColorMap\*, int, int, int, int\*, Stream\*, int, int, GfxImageColorMap\*) Shadow bytes around the buggy address: 0x100025533940: 00 00 f2 f2 f2 f2 04 f4 f4 f4 f2 f2 f2 f2 00 f4 0x100025533950: f4 f4 f2 f2 f2 f2 f0 00 00 00 00 00 00 00 00 00 00 0x1000255339b0: 00 00 f1 f1 f1 f1 04 f4 f4 f4 f2 f2 f2 f2 04 f4 0x1000255339c0: f4 f4 f2 f2 f2 f2 00 00 f4 f4 f2 f2 f2 f2 00 00 Shadow byte legend (one shadow byte represents 8 application bytes): Addressable: 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: Global init order: Container overflow: Array cookie: Intra object redzone: ASan internal: ==6137==ABORTING

stack-overflow-drawGeneralImage-VectorGraphicOutputDev-1158.zip

Cvjark mentioned this issue on Jul 3

bug report swftools-pdf2swf #184

⊙ Open

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

1 participant

