New issue Jump to bottom

AddressSanitizer: heap-buffer-overflow in pspdf_prepare_outpages() in ps-pdf.cxx:1338:15 #413

⊙ Closed chibataiki opened this issue on Jan 26, 2021 · 3 comments

Assignees

Labels

bug priority-high

Milestone

\$\frac{1}{2}\$ Stable

chibataiki commented on Jan 26, 2021 • edited 🕶 $Hello, While\ fuzzing\ htmldoc\ ,\ I\ found\ a\ heap-buffer-overflow\ in\ the\ pspdf_prepare_outpages()\ , in\ ps-pdf.cxx:1338:15$ htmldoc Version 1.9.12 git [master 6898d0a] OS: Ubuntu 20.04.1 LTS x86_64 kernel: 5.4.0-53-generic compiler: clang version 10.0.0-4ubuntu1 htmldoc -f demo.pdf poc2.html poc(zipped for update): poc2.zip ==38089==ERROR: AddressSanitizer: heap-buffer-overflow on address 0x6150003b19f8 at pc 0x000000555985 bp 0x7ffca8f71990 sp 0x7ffca8f71988 WRITE of size 4 at 0x6150003b19f8 thread T0 #0 0x555984 in pspdf_prepare_outpages() /home//htmldoc_sani/htmldoc/ps-pdf.cxx:1338:15 #1 0x555984 in pspdf_export /home//htmldoc_sani/htmldoc/ps-pdf.cxx:901 #2 0x53c845 in main /home//htmldoc_sani/htmldoc/htmldoc.cxx:1291:3 #3 0x7f44ac7c40b2 in __libc_start_main /build/glibc-eXitMB/glibc-2.31/csu/../csu/libc-start.c:308:16 #4 0x41f8bd in _start (/home//htmldoc_sani/htmldoc/thmldoc+0x41f8bd) 0x6150003b19f8 is located 0 bytes to the right of 504-byte region [0x6150003b1800,0x6150003b19f8) allocated by thread T0 here: ## 0x4ee5df in __interceptor_malloc /home/goushi/work/libfuzzer-workshop/src/llvm/projects/compiler-rt/lib/asan/asan_malloc_linux.cc:146 #1 0x5500bf in pspdf_prepare_outpages() /home//htmldoc_sani/htmldoc/ps-pdf.cxx:1258:27 #2 @x5500bf in pspdf_export /home//htmldoc_sani/htmldoc/ps-pdf.cxx:901
#3 @x53c845 in main /home//htmldoc_sani/htmldoc/ntmldoc.cxx:1291:3
#4 @x7f44ac7c40b2 in _libc_start_main /build/glibc-eX1tMB/glibc-2.31/csu/../csu/libc-start.c:308:16 SUMMARY: AddressSanitizer: heap-buffer-overflow /home//htmldoc_sani/htmldoc/ps-pdf.cxx:1338:15 in pspdf_prepare_outpages() Shadow byte legend (one shadow byte represents 8 application bytes): Addressable: Partially addressable: 01 02 03 04 05 06 07 Heap left redzone: fa Stack left redzone: Stack mid redzone: Stack right redzone: f3 Stack after return: Stack use after scope: Global redzone: Poisoned by user: Container overflow: Array cookie: Intra object redzone: ASan internal: Left alloca redzone: Right alloca redzone: reporter: chiba of topsec alphalab

- R michaelrsweet self-assigned this on Jan 26, 2021
- michaelrsweet added bug priority-high labels on Jan 26, 2021
- michaelrsweet added this to the Stable milestone on Jan 26, 2021

