Bug 701792 - heap-buffer-overflow at contrib/lips4/gdevlips.c:148 in GetNumSameData

Status: RESOLVED FIXED

Alias: None

Product: Ghostscript

Component: General (show other bugs)

Version: master

Hardware: PC Linux

Importance: P4 normal
Assignee: Julian Smith

URL: Keywords:

Depends on:

Blocks

See Also:

Customer:

Word Size: ---

Reported: 2019-10-26 06:18 UTC by Suhwan **Modified:** 2019-10-30 09:49 UTC (<u>History</u>)

Attachments

poc (25.73 KB, application/pdf)
2019-10-26 06:18 UTC, Suhwan

Add an attachment (proposed patch, testcase, etc.)

– Note -

You need to log in before you can comment on or make changes to this bug.

Suhwan 2019-10-26 06:18:17 UTC Description Created attachment 18376 [details] poc Hello I found a heap-buffer-overflow bug in GhostScript. Please confirm. Thanks. OS: Ubuntu 18.04 64bit Steps to reproduce: 1. Download the .POC files. 2. Compile the source code with ASan. 3. Run following cmd. qs -sOutputFile=tmp -sDEVICE=lips4v \$PoC Here's ASAN report. 0x62a0003addf8 is located 0 bytes to the right of 23544-byte region [0x62a0003a8200,0x62a0003addf8] allocated by thread T0 here: #0 0x542d30 in _interceptor_malloc (gs+0x542d30) #1 0x23640fd in _gs_heap_alloc_bytes ghostpd1/./base/gsmalloc.c:193:34

Array cookie: Intra object redzone: ASan internal: Left alloca redzone: Right alloca redzone: ==9464==ABORTING ac bb fe ca cb

Julian Smith 2019-10-30 09:49:27 UTC

Comment 1

Fixed in: https://git.qhostscript.com/2 p=qhostpdl.git;a=commit;h=9f39ed4a92578a020ae10459643e1fe72573d134

Format For Printing - XML - Clone This Bug - Top of page