nothings / stb Public <> Code • Issues 99 11 Pull requests 75 □ Discussions Actions Projects Jump to bottom New issue UBSAN: shift exponent is too large #1293 Open pietroborrello opened this issue on Feb 17 · 0 comments 1 stb_image Labels pietroborrello commented on Feb 17 • edited • Describe the bug Several UBSAN runtime error: shift exponent 32 is too large for 32-bit type 'unsigned int' and similar To Reproduce Built stb according to the oss-fuzz script with CXXFLAGS='-01 -fsanitize=address -fsanitize=arraybounds, bool, builtin, enum, float-divide-by-zero, function, integer-divide-by-zero, null, objectsize, return, returns-nonnull-attribute, shift, signed-integer-overflow, unreachable, vla-bound, vptr' **UBSAN Output** \$./stbi_read_fuzzer ./id:000116,sig:06,src:001260,time:12860161,op:havoc,rep:16,trial:1503866 INFO: Seed: 1313754043 INFO: Loaded 1 modules (6883 inline 8-bit counters): 6883 [0x5e1b33, 0x5e3616), INFO: Loaded 1 PC tables (6883 PCs): 6883 [0x573228,0x58e058), stbi_read_fuzzer: Running 1 inputs 1 time(s) each.

Crashing files

ubsan-shift-too-large.zip

\Diamond	nothings added the 1 stb_image label on Feb 17
Ç	NeilBickford-NV mentioned this issue on Feb 23
	Additional stb_image fixes for bugs from ossfuzz and issues 1289, 1291, 1292, and 1293 #1297
	্রি Open
Ç	slouken pushed a commit to libsdl-org/SDL_image that referenced this issue on May 28
	stb_image.h: imported three fuzz fixes by Neil Bickford from mainstream 04562ed
Assigi	nees
No or	ne assigned
Labels	
1 stb	_image
Projec	rts
None	yet
Miles	tone
No m	lestone
	opment
No br	anches or pull requests
2 part	icipants