

[New issue](#)[Jump to bottom](#)

New issue about FPB #25

✓ Closed Cvjark opened this issue on Jul 10 · 1 comment

Cvjark commented on Jul 10

sample file

[id0_FPE_jpegqs+0x41c889.zip](#)

command to reproduce

```
./jpegqs -o [sample file] /dev/null
```

crash detail

```
AddressSanitizerAddressSanitizerAddressSanitizerAddressSanitizer:DEADLYSIGNAL
:DEADLYSIGNAL
:DEADLYSIGNAL
:DEADLYSIGNAL
=====
AddressSanitizer:DEADLYSIGNAL
==28436==ERROR: AddressSanitizer: FPE on unknown address 0x0000004f5d6c (pc 0x0000004f5d6c bp
0x7ffc2659eef0 sp 0x7ffc2659e2c0 T0)
AddressSanitizer:DEADLYSIGNAL
#0 0x4f5d6c (/home/bupt/Desktop/jpeg-quantsmooth/jpegqs+0x4f5d6c)
#1 0x7fbb4a1b3452 in __kmp_invoke_microtask (/usr/lib/x86_64-linux-gnu/libomp.so.5+0x7c452)
#2 0x7fbb4a16d1b6 (/usr/lib/x86_64-linux-gnu/libomp.so.5+0x361b6)
#3 0x7fbb4a16e2b5 in __kmp_fork_call (/usr/lib/x86_64-linux-gnu/libomp.so.5+0x372b5)
#4 0x7fbb4a1617be in __kmpc_fork_call (/usr/lib/x86_64-linux-gnu/libomp.so.5+0x2a7be)
#5 0x4ea485 (/home/bupt/Desktop/jpeg-quantsmooth/jpegqs+0x4ea485)
#6 0x7fbb49b4fc86 in __libc_start_main /build/glibc-CVJwZb/glibc-2.27/csu/../csu/libc-
start.c:310
#7 0x41c889 in _init (/home/bupt/Desktop/jpeg-quantsmooth/jpegqs+0x41c889)

AddressSanitizer can not provide additional info.
SUMMARY: AddressSanitizer: FPE (/home/bupt/Desktop/jpeg-quantsmooth/jpegqs+0x4f5d6c)
==28436==ABORTING
```

ilyakurdyukov commented on Jul 10

Owner

This is a divide-by-zero exception because this image is damaged and the quantization table contains zeros:

```
quant[0]:
0001 0001 0001 0001 0001 0001 0001 0001
0001 0001 0001 0001 0001 0001 0001 0001
0001 0001 0001 0001 0001 0001 0001 00ff
0001 0001 0001 0001 0001 0001 00d8 0000
0001 0001 0001 0001 0001 00ff 0046 0001
0001 0001 0001 0001 00e0 0049 0001 0060
0001 0001 0001 0000 0046 0001 0000 0000
0001 0001 0010 004a 0000 0060 0000 00ff
```

Fixed in the latest commit. Thanks for reporting.



ilyakurdyukov closed this as completed on Jul 10

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

2 participants

