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Segmentation Fault error in read_image_band() of impex.hxx #494



New issue

Open choonginlee opened this issue on Mar 31, 2021 · 0 comments

Application and the Alexander	_
choonginlee commented on Mar 31, 2021	
Hello,	
Using hugin (2020.0.0) software verdandi adopting vigra, I encountered on the segmentation fault error. (http://hugin.sourceforge.net/releases/2020.0.0/en.shtml)	
The root cause is assumed to be from Illegal reference by void vigra::StandardValueAccessor <unsigned short="">::set<unsigned short*="" short,="" unsigned="">(unsigned short, unsigned short*8). of debian package</unsigned></unsigned>	
libvigraimpex-dev/focal,now 1.11.1+dfsg-7ubuntu1	
The set() is assumed to be out-of-bound without any appropriate check of the valid address dereferenced by scanline. See /include/vigra/impex.hxx:82-89	
lines;	
<pre>const ImageRowIterator is_end(is + width);</pre>	
<pre>while (is != is_end) { image_accessor.set(*scanline, is);</pre>	
<pre>scanline += offset; ++is;</pre>	
++image_iterator.y;	
The running command and backtrace is	
oren@bbuntu:-5 sudo ./hugin-2020.8.0/build/src/tools/verdandioutput-1.tif ./poc Naning: no TIFFTAG_DAMPLEFORMAT or TIFFTAG_DATATYPE, guessing pixeltype 'UINTIG'. Warning: no TIFFTAG_SAMPLEFORMAT or TIFFTAG_DATATYPE, guessing pixeltype 'UINTIG'. LOQLUVSETUPDECODE: Inappropriate photometric interpretation 3295 for SGILog compression; must be either LogLUV or LogL. ASAN:ISGEGOV	
◆	
poc.txt	
I attached the poc file on this post. Please kindly check the error. Best, Choongin Lee	
Assignees	
No one assigned	
labale.	_
labels	

Projects

Milestone

No milestone

Development

No branches or pull requests

1 participant

