
Subject: Re: segfaults on ubuntu 9.04

Posted by [Karl\[1\]](#) on Thu, 17 Dec 2009 16:54:14 GMT

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On Dec 17, 10:26 am, sav...@nsidc.org wrote:

> sav...@nsidc.org writes:

>> I am actually working with them as well, but I find that often this

>> newsgroup gets you faster more appropriate answers.

>> Thanks,

>> M

>

> I continue to follow up to my own post, but in case it helps someone

> else, the solution ITTVIS came up with was to try:

>

>> 2- Can you try to rename two GL drivers in the 32 and the 64

>> directories?:

>

>> cd /usr/local/itt/idl71/bin/bin.linux.x86/

>> mv gl_driver.so gl_driver.so.back

>

>> cd /usr/local/itt/idl71/bin/bin.linux.x86_64

>> mv gl_driver.so gl_driver.so.back

>

> This apparently works and if it doesn't I'll follow up again. :)

>

> Matt

>

> --

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Renaming those files disables the Object Graphics hardware-accelerated rendering path. You are not using OG by running the TV command, but I guess that the drivers are getting loaded anyway somehow.

Anyway, in Linux, those gl_driver.so libraries use whatever OpenGL libraries and drivers are installed on your Ubuntu installation. The error message suggests a problem with drivers associated with the OpenGL libraries. Therefore, the problem may be outside of IDL and in the graphics drivers installed in the OS.

One direction, which should have been suggested by ITTVIS support, would be to check out your OpenGL drivers with other applications. Try running glxgears, which is shipped in that distro. Glxgears is a simple test program that can be used to see if the OpenGL libs are basically working. Might try googling around for any known problems with OpenGL on your particular distro and hardware (graphics

adapter). Look for any driver updates from the graphics card vendor and/or use the Ubuntu package manager to install alternate drivers.
