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Subject: Re: IDL X11 forwarding segmentation fault  
Posted by [schonfsj](#) on Tue, 17 Sep 2013 18:19:18 GMT  
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On Friday, September 6, 2013 10:37:44 AM UTC-6, scho...@gmail.com wrote:

> Hello Everyone,

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> I'm having a very unusual and system specific problem which is likely beyond the scope of this forum, but I've been unable to find a solution and thought it couldn't hurt to ask if someone might know what's going on.

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> I use IDL (8.0.1) on my school's network and often do so remotely with an SSH connection (with X11 forwarding enabled). Since a hardware and software upgrade to the system, any attempt to access the IDL X device while SSH'd from my laptop causes a 'Segmentation Fault (Core dump)'. This is unique to my laptop (remote access with other laptops running the same Ubuntu distribution (12.04) have no problems) and to the new computers, I don't have this problem on older network computers. Clearly this is a very system specific problem, but what is most unusual is that, as far as I can tell, all other X forwarding works perfectly with the same connection; it is only IDL that fails. One final detail is that I run Ubuntu as a virtual machine inside VirtualBox (Version 4.2.16 r86992) which could be causing the problems, but prior to the system upgrade everything worked normally.

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> So, to me, the question seems to be, what can cause IDL X11 forwarding to fail when all other X11 forwarding requests are successful? Does IDL handle X11 forwarding in some unique way? And finally, is there anyway to fix this?

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> Thank you for your time, and any help you can give would be greatly appreciated,

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> -Sam Schonfeld-

Ken, that worked perfectly. I convinced my system administrator to rename gl\_driver.so and everything is now working as expected.

I do have one further question, although for the moment this is simply curiosity rather than need. From what google revealed, gl\_driver.so controls hardware acceleration, so why doesn't setting the preference IDL\_GR\_X\_REFERENCE=1 (software, which I tried) also fix the problem?

Thanks again,

-Sam-

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