Subject: Re: IDL X11 forwarding segmentation fault
Posted by Kenneth Bowman on Mon, 16 Sep 2013 20:04:45 GMT

On 2013-09-06 16:37:44 +0000, schonfsj@gmail.com said:

> Hello Everyone,
>
> 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.
>
> 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.
>
> 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?
>
> Thank you for your time, and any help you can give would be greatly
> appreciated,
> -Sam Schonfeld-

It could be a graphics driver problem. Try moving or renaming the
following files

    For IDL 8.0 and 8.1
        /Applications/itt/idl/idl80/bin/bin.darwin.x86_64/gl_driver. so
        /Applications/itt/idl/idl80/bin/bin.darwin.i386/gl_driver.so
    For IDL 8.2
        /Applications/exelis/idl802/bin/bin.darwin.x86_64/gl_driver. so

Ken Bowman