
Subject: Re: Running IDL remotely - problems with xwindows

Posted by [anne](#) on Fri, 02 Jan 2009 20:38:36 GMT

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On Jan 2, 3:25 pm, David Fanning <n...@dfanning.com> wrote:

> anne writes:

>> I've installed IDL 7.0 on a PC server running 64bit Fedora. This
>> computer has more processing power and memory than any of the local
>> pcs so I want users to be able to login remotely from their own
>> windows Pcs using a remote shell and access idl from the server.
>> For access from the windows pcs I tried unsuccessfully to use Exceed
>> and therefore switched to using xming - an open source xserver
>> package. This appeared to be working well - the eclipse desktop could
>> be seen and display windows using direct graphics worked properly. I
>> cannot seem to get object graphics to work properly however. In
>> windows I just get a blank display window when I try to run the
>> Revolution application or the itools applications. I have made sure
>> that rendering is done by software, not hardware but that hasn't
>> helped.
>> Has anyone else come across this problem before?

>

> I haven't seen the problem before, but I have been able to run
> object graphics programs remotely from my LINUX box running IDL 7
> to my Windows machine, running XMING. It is S-L-O-W. I use
> SSH Secure Shell to log onto my LINUX box. I think the only
> thing special we did there was turn on Tunnel X11 connections,
> but you must have this working or you wouldn't see direct graphics
> windows.

I wondered about the 64 bit - not sure if that is the problem so I'll
try to find a machine with 64bit windows to test.

The fact that even when it works it is slow is very discouraging. I'm
working with histology images that are at least 4Gb in size and I need
to be able to zoom in and out using jp2000 - perhaps the advantages of
using the linux box with 32Gb memory will be outweighed by the poor
display time!

Still the fact that it is possible is useful - at least I don't need
to search for another xwindows package!

Thanks,
Anne

>

> So, don't know, except that it is possible. :-)

>

> Cheers,

>

> David
>
> P.S. Have you tried doing this to a 32-bit machine? I wonder
> if something about the 64-bit is getting in your way?
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
