
Subject: Re: Problem using IDL/ENVI in X windows

Posted by [wita](#) on Fri, 22 Jun 2007 06:39:21 GMT

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It seems like you didn't set your DISPLAY environment variable, so X tries to open a window on the local machine (your server) while it should forward the display to the remote machine (your desktop running Cygwin).

The simple solution would be:

for tcsh shell:

```
setenv DISPLAY <your desktop IP or hostname>:0.0
```

for bash shell

```
export DISPLAY=<your desktop IP or hostname>:0.0
```

and don't forget to allow other hosts to connect to the Xserver on your desktop, this can be done using:
xhost + (which allows anyone to connect btw)

Although this procedure works I find it not very comfortable. A way better solution is to install FreeNX on your server and to connect to it using a NX client which you can download from www.nomachine.com. This will export your whole X screen to the windows PC.

best regards,

Allard

Subject: Re: Problem using IDL/ENVI in X windows

Posted by [KRDean](#) on Fri, 22 Jun 2007 14:46:16 GMT

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> From my experience when Cygwin/X starts misbehaving, the IT department is playing around with IP address on the UNIX boxes.

When I see "connection refuse by server" either the "xhost" is not set correctly. "xhost +" gives access to everyone or "xhost UNIXbox" allows connection to UNIXbox, only.

I use Cygwin/X often, but I find Xming is much better. Especially, with the latest release of Xming and PuTTY, as they work together. PuTTY is good at notifying you when the IP address gets changed.

Kelly Dean

Fort Collins, CO

On Jun 21, 8:13 pm, DirtyHarry <kim20...@gmail.com> wrote:

> Goodday, Everyone! I have a problem using IDL/ENVI in my server

> logging in my desktop through X windows. There is no problem in IDL.
> However, using ENVI... problem exists... The error message was as
> follows.
>
> IDL> envi
> % Restored file: ENVI.
> % Loaded DLM: TIFF.
> Xlib: connection to ":0.0" refused by server
> Xlib: No protocol specified
>
> % DEVICE: Unable to connect to X Windows display: :0.0
> % DEVICE: Unable to open X Windows display.
> Is your DISPLAY environment variable set correctly?
> % Execution halted at: ENVI_SPLASH
> % ENVI
> % \$MAIN\$
>
> I thought something was wrong in my X windows. I reinstalled cygwin
> and added the X11 packages. Now X windows is working properly, but
> still the problem occurs with same error messages..
>
> Is there anyone using cygwin? If someone experienced similar problems,
> please give me any suggestions. Thank you always...
>
> Harry

Subject: Re: Problem using IDL/ENVI in X windows
Posted by [kim20026](#) on Fri, 22 Jun 2007 21:32:14 GMT
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On Jun 22, 11:46 pm, kBob <KRD...@gmail.com> wrote:
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> is playing around with IP address on the UNIX boxes.
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> Kelly Dean
> Fort Collins, CO
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>
>> Harry- Hide quoted text -
>
> - Show quoted text -

Thank you for your suggestions... I solved the problem...
