
Subject: Re: ps_start, window problem

Posted by [David Fanning](#) on Thu, 30 Jun 2011 03:19:26 GMT

[View Forum Message](#) <> [Reply to Message](#)

Gray writes:

> Hopefully this works (my last two posts never showed up...). I'm trying to run something on IDL 8.0.1 on someone else's machine, over an SSH tunnel. My code uses PS_START and PS_END to create postscript plots; when it gets to this point, I get errors from the WINDOW procedure:

>

> % WINDOW: Unable to connect to X Windows display: :0.0

> % WINDOW: Unable to open X Windows display.

> Is your DISPLAY environment variable set correctly?

>

> Why is it trying to communicate with the X Windows display (which I don't think works over SSH tunnels)? I'm trying to make postscript files.

I don't have a great deal of time to follow up with this today, but I think it extremely likely that an update of the entire Coyote Library would solve this problem.

This was an old problem with the library and had to do with cgColor and other color routines trying to get "system colors". Apparently, you need a windows connection to do this. Since I never used the system colors, and I didn't know anyone else who did either, I removed all this code from the Coyote Library routines. As far as I know, there are no longer any issues with needing a windows connection with any of the routines in the Library.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thue. ("Perhaps thos speakest truth.")

Subject: Re: ps_start, window problem

Posted by [Carsten Lechte](#) on Thu, 30 Jun 2011 09:46:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

On 29/06/11 20:22, Gray wrote:

> Why is it trying to communicate with the X Windows display (which I don't think works over SSH tunnels)?

Just for information, since David already gave an answer: X11 works great* over ssh, provided you told ssh to tunnel the display connection (using the -X option) AND there is actually an X11 server on your end to connect to, which is usually not the case on Windows.

chl

*) X11 never works great over slow, high-latency connections

Subject: Re: ps_start, window problem
Posted by [Gray](#) on Fri, 01 Jul 2011 12:57:02 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Jun 30, 5:46 am, Carsten Lechte <c...@toppoint.de> wrote:

> On 29/06/11 20:22, Gray wrote:

>

>> Why is it trying to communicate with the X Windows display (which I don't think works over SSH tunnels)?

>

> Just for information, since David already gave an answer: X11 works
> great* over ssh, provided you told ssh to tunnel the display
> connection (using the -X option) AND there is actually an X11 server
> on your end to connect to, which is usually not the case on Windows.

>

> chl

> *) X11 never works great over slow, high-latency connections

I fixed the X-window forwarding and it works great now! Thanks all.
And it seems like I can see my posts now, which is also a plus!
