
Subject: WIDGET_BASE: Unable to connect to X Windows display: :0.0

Posted by [Chao Luo](#) on Thu, 12 Jan 2012 17:53:17 GMT

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Hi guys,

I'm trying to run a program in a remote machine. I logon to remote machine (LINUX cluster) from my home desktop. The problem I've got is:

WIDGET_BASE: Unable to connect to X Windows display: :0.0

WIDGET_BASE: Unable to establish X Connection.

I tried somethings like: ssh -X or set DISPLAY, but still same problem.

My question is how to get rid of this problem, or turn off X windows in IDL scripts.

Thanks much!

Subject: Re: WIDGET_BASE: Unable to connect to X Windows display: :0.0

Posted by [penteado](#) on Thu, 12 Jan 2012 19:14:11 GMT

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This question keeps recurring. See, for instance,

http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/78ef8d5f35d9bbef
http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/ba794f5d7bc59c6a
http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/c6f5a033f630339a
http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/d55570674f13d026

On Jan 12, 3:53 pm, Chao Luo <chaoluo...@gmail.com> wrote:

> Hi guys,
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> machine (LINUX cluster) from my home desktop. The problem I've got is:
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> in IDL scripts.
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> Thanks much!

Subject: Re: WIDGET_BASE: Unable to connect to X Windows display: :0.0

Posted by [Nigel Wade](#) on Fri, 13 Jan 2012 09:28:07 GMT

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On 12/01/12 17:53, Chao Luo wrote:

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> machine (LINUX cluster) from my home desktop. The problem I've got is:

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> WIDGET_BASE: Unable to connect to X Windows display: :0.0

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>

> I tried somethings like: ssh -X or set DISPLAY, but still same
> problem.

There is something wrong with your sshd server on the remote machine. If DISPLAY is set to :0.0 then it is not performing X11 forwarding. That setting is trying to display on the main console of the host you are logged into. Given it's a node on a cluster it probably doesn't have one, and even if it did you wouldn't be able to access it.

When X11 forwarding is working, DISPLAY will be set to something like localhost:11.0.

See the administrator of that machine and ask them to ensure that sshd is configured correctly.

Also, it is more common to require -Y rather than -X these days.

>

> My question is how to get rid of this problem, or turn off X windows
> in IDL scripts.

>

You can just unset DISPLAY to get rid of the error message. But that won't help you if your script uses things like WIDGET_BASE...

--

Nigel Wade
