Subject: Re: IDL runtime and X window
Posted by Deckard++; on Thu, 21 Jul 2011 16:18:20 GMT
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On 20 juil, 22:59, Michael Galloy <mgal...@gmail.com> wrote:
> On 7/20/11 3:36 PM, Deckard++; wrote:
>
>
>
>
>
>> I have created a runtime application that is intended to run some
>> simulation code on one of our lab servers. The lab only has a runtime
>> license for this server, which means that I have no way to run this
>> code from the IDL prompt. I have created my runtime application, saved
>> it in a .sav file and tested it like this:
>
>> idl -rt=myapp.sav
>
>> It works fine on my development machine, but when I transfer it our
>> the lab server and executes the same command, it starts IDL and then
>> opens a window with the text "IDL Virtual Machine. Distribution
>> platform to run IDL applications. Upgrade to a development license of
>> IDL." and the IDL logo, and you have to click a button called "Click
>> to continue" to actually run your code!
>
>> The big problem here is that my code has to run for ~2 weeks, and I
>> have to run it in a detached/background process. If I launch IDL in
>> the background (followed by&) and then close the ssh connection to
>> the server, it will terminate idl because the X window link is broken:
>
>> X connection to localhost:10.0 broken (explicit kill or server
>> shutdown).
>
>> And if I don't forward the display over ssh, IDL will display the
>> following error and quit without executing the code:
>
>> % Unable to connect to X Windows display: :0.0
>> % Unable to open X Windows display.
>> Is your DISPLAY environment variable set correctly?
>
>> This is crazy because this window is totally useless and my code has
>> no need for X window display. Can you help me? Do you know how to
>> avoid having this window?
>
> I don't believe the lab server is seeing your runtime license. When I do
> "idl -rt=myapp.sav", I don't get a window popping up, but if I do "idl
> -vm=myapp.sav" I do get a window. IDL will default to using the Virtual

> Machine (and it's window is the price you pay for using the VM) if you
> don't have a license.
>
> Mike
> --
> Michael Galloywww.michaelgalloy.com
> Modern IDL, A Guide to Learning IDL:http://modernidl.idldev.com
> Research Mathematician
> Tech-X Corporation

Thank you Mike. Now that you mention it it's obviously a license
problem. I will check with out sysadmin.

Cheers,

 -- Arthur;