Subject: IDL runtime and X window
Posted by Deckard++; on Wed, 20 Jul 2011 21:36:15 GMT
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Hi,

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?

Thanks in advance,

 -- Arthur;