Subject: Re: idl 6.3 bus error during tv
Posted by don.woodraska on Fri, 04 Jan 2008 18:06:39 GMT

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First off, thank you to Mike and David for your help and interest in
this peculiar problem. I appreciate your efforts in trying to help
out, and I know it's hard to diagnose someone else's problem.

> So widget programs work for you? Not just starting a widget app, but
> interacting with it? This was my problem when I upgraded to Leopard
> with IDL 6.4. Upgrading to IDL 6.4.1 (or IDL 7.0) fixed it.

Yep, widgets work just fine. I am able to run the idlbridge_demo.pro
and click on buttons, use pulldown menus, and everything works great.
As far as I can tell I have a completely function windowing system
except for TV and TVSCL. If you can think of anything else, I'd be
happy to give it a try.

I am able to reproduce the problem David describes on his website (a
bus error) when DISPLAY is not set correctly. I used (tcsh)

unsetenv DISPLAY

which makes the DISPLAY variable undefined. I then ran IDL and got a
bus error when trying to open window with plot. No window appeared,
just a bus error. This is different than my original problem.

When I setenv DISPLAY to the correct value (like localhost:0.0), PLOT
works fine. I've tried several values that all work like 127.0.0.1,
and my actual IP address as well. (I have localhost defined in the /
etc/hosts file as 127.0.0.1)

My problem still persists. If I start a new session and execute TV, it
creates the empty window (filled with black nothingness), then it
hangs up and gives the bus error.

Mike, thank you for the advice on updating IDL versions and providing
the X11 updates link. These seem to be the only thing left to try. I'm
a command line dinosaur, so I have to first overcome my (irrational
and unfounded) fear of eclipse.

Best Regards and thanks again,
Don