
Subject: Re: segmentation fault error in IDL
Posted by [rkombiyil](#) on Fri, 22 Jun 2007 13:52:09 GMT
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On Jun 21, 11:56 pm, t...@atmsci.msrc.sunysb.edu wrote:
> On Jun 19, 1:23 am, metachronist <rkombi...@gmail.com> wrote:
>
>
>
>> On Jun 19, 1:34 am, t...@atmsci.msrc.sunysb.edu wrote:
>
>>> Hi,
>
>>> I am getting a segmentation fault error when I restore a .sav file
>>> after SSH into a server. I basically do the following:
>
>>> SSH to server
>>> type 'IDL'
>>> type 'restore something.sav'
>>> type 'something'
>
>>> This brings up a GUI (or was in the past). Everything was working
>>> fine for a few weeks and now I get this error and IDL automatically
>>> exits. I didn't do anything to the .sav file (and don't know what was
>>> done by the author to create it). I asked the author, and they said
>>> when they run it from my directory, it works fine.
>
>>> Does anyone know what might have happened and what I might try to fix
>>> this?
>
>>> Thanks,
>
>>> Howie
>
>> Howie,
>> Please allow me to guess :-) IMHO you need to provide more info for me
>> to guess better.. Anyways, I am guessing you are using SETENV DISPLAY
>> to bring up the "remote display" on your machine. What kind of OS are
>> you using (what about the server? UNIX?) If it is GNU/Linux OS, then
>> there were some problems with the newer updates of the X.org libraries
>> that caused display related problems. So if someone else is running it
>> from "their" machine and it works "fine", that means they are able to
>> "remotely display" IDL GUI window on their box. So it would "work
>> fine" for them. If you did update your xlibs (I don't know if that is
>> the case - I am assuming so- or if the updates after that fixed the
>> segfault problem), then you might wanna downgrade them (or apply the
>> fixes, if there are any) and try again. It has been discussed here
>> before. However, if I am "SO WRONG" then I apologise and please

>> imagine you have never read this email before. Another thing to check
>> would be your .rc file where you set your display parameters/IDL
>> related stuff and such.
>> Hth,
>> ~rk
>
> Thanks rk,
>
> I am not very familiar with many of these concepts, but at least you
> have pointed me in the right direction.
>
> Howie

Howie, I got your email. Sorry for the late reply. Don't worry, nobody knows everything. Anyways, I don't think it might be anything related to exceed. Maybe there are people who use exceed X-window emulator on this list, who have experienced similar problem? Did you try from another windows box and see if it works? Did you do any tests?

I found these links on the web, I don't know if they will help in solving your problem. I can't make any guess without knowing more.
http://www.cru.uea.ac.uk/~timo/idlpages/idl_exceed.htm
something on restoring compiled IDL programs
http://www.astro.princeton.edu/~esirko/idl_html_help/intro_program8.html
I don't know if I helped you at all. Sorry.

Good luck,
~rk
