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Subject: segmentation fault error in IDL  
Posted by [teich](#) on Mon, 18 Jun 2007 16:34:28 GMT  
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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

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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.msrb.sunysb.edu wrote:
> On Jun 19, 1:23 am, metachronist <rkombi...@gmail.com> wrote:
>
>
>
>> On Jun 19, 1:34 am, t...@atmsci.msrb.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'
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>>> 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](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](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

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