
Subject: Re: IDL Segmentation Fault
Posted by [mankoff](#) on Wed, 04 Oct 2006 22:09:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

Karl Schultz wrote:

> On Wed, 04 Oct 2006 09:06:26 -0700, mankoff wrote:

>

>> David Fanning wrote:

>>> Bill Anderson writes:

>>>

>>>> Has anyone run into this problem? I have running IDL 6.2 student
>>>> edition for the past month with no problems on a MacPro Book (MacOS X
>>>> 10.4) notebook. This weekend I updated my MacOS to 10.4.8 and now when
>>>> I try to run idl from X11, it crashes with a "Segmentation Fault".

>>>>

>>>> /Users/wmandersonjr/idl

>>>> IDL Student Edition 6.2, Mac OS X (darwin ppc m32). (c) 2005, Research
>>>> Systems, Inc.

>>>> Segmentation fault

>>>> /Users/wmandersonjr/

>>>

>>> You might find this article helpful:

>>>

>>> <http://www.dfanning.com/tips/maccrash.html>

>>>

>>> Also, we discussed this problem right here less than two weeks
>>> ago, it seems to me. Check the archives.

>>>

>>

>>

>> I've read that article and searched the archives. I'm using IDL 5.6 on
>> a Intel MacBook. X11 programs work fine, but IDL is segfaulting
>> nonetheless.

>>

>> If DISPLAY is :0.0 then xeyes works and IDL segfaults

>>

>> If DISPLAY is 0:0 then IDL will run but provides error messages when
>> trying to access the display, like so:

>>

>> _X11TransSocketINETConnect() can't get address for 0:6000: No address
>> associated with nodename

>> % Unable to connect to X Windows display: 0:0

>>

>>

>> Any advice?

>>

>> This just started yesterday when I upgraded to 10.4.8.

>>

>> -k.
>
> Yes, I've been looking at this recently, and have collected some hopefully
> useful information.
>
> IDL PPC binaries of any release now appear to crash when running on an
> Intel Mac under Rosetta emulation with OS X 10.4.8. The problem didn't
> occur with OS X 10.4.7. The crash logs indicate a crash in libXt. Since
> the *only* change made to the environment where I observed all of this was
> upgrading from 10.4.7 to 10.4.8, I am inclined to suspect the Apple update
> to 10.4.8.
>
> Some web searching reveals that there are more than a few problems with
> the 10.4.8 upgrade on Intel Macs. One person reported a similar crash
> with Matlab 7.1 under the same conditions. The report indicated that the
> Matlab crashes started after the upgrade to 10.4.8 was applied. Same
> situation, same problem, I think. One could also extend this thought to
> the possibility that any PPC binary X11 application running under Rosetta
> on an Intel based OS X 10.4.8 might crash.
>
> Therefore IDL users of versions prior to 6.3 probably should not upgrade
> their Intel Macs to 10.4.8.
>
> IDL 6.3 users should really get the Intel binaries for IDL that are
> available from ITTVIS. Not only would this relieve this particular 10.4.8
> problem, but the Intel binaries run faster on the Intel Mac.
>
> The PPC-based hardware does not seem to be adversely affected by this OS X
> upgrade.
>
> I'm going to go ahead and report this problem to Apple, and all we can do
> is hope that they'll take the time from the Leopard schedule to release a
> patch for this seemingly defective OS X upgrade.
>
> That's the best I can do for now,
>
> Karl

Thanks for taking this up with Apple. Any luck just swapping out libXt
with the previous version? I don't have access to my backup disk for
another 10 days while I travel so I cannot test this.
