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Subject: Inconsistent errors when opening itools

Posted by [u2s5thmember](#) on Tue, 29 Jun 2004 18:07:01 GMT

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I'm using X11 on a Mac OS X (OS 10.3.4), IDL 6.0

If I type:

```
IDL> iplot, indgen(20)
```

sometimes I get this error:

```
-----  
A system error was detected during tool creation.
```

```
The value of this error was:
```

```
Unable to create visualization of type IDLitVisNormDataSpace  
-----
```

other times I get an almost blank itools window, with no axes, tick marks, or numbers. the only thing that shows up is a straight line, which I am presuming is supposed to be the data. The line shows up in the upper right hand corner, is so much larger than the display window & is mostly out of view until I try to drag it towards the center of the itools window.

~~~~~  
Another time I tried this:

```
IDL> x=findgen(20)*2+2
```

```
IDL> theory=sin(x)
```

```
IDL> iplot, theory
```

and I got this error message:

```
-----  
% Unable to invoke method on NULL object reference: OAXISX.
```

```
% XMANAGER: Caught unexpected error from client application. Message follows...
```

```
% Unable to create visualization of type IDLitVisNormDataSpace  
-----
```

I'm guessing this might be a compatibility issue or a problem with my display??

any ideas?

thanks a million

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Subject: Re: Inconsistent errors when opening itools

Posted by [btt](#) on Fri, 02 Jul 2004 12:54:09 GMT

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BG wrote:

> I am using X11. Is that what you mean by "using X11 windowing"? Do

> you think I might need to check any display settings? If so, where??

Yes, that os what I mean. Sorry, I haven't the foggiest where you should check your settings. Have you sent this to RSI?

>

> Thanks for your reply

>

> Ben Tupper <[btupper@bigelow.org](mailto:btupper@bigelow.org)> wrote in message  
news:<[2kfvmnF1sgapU1@uni-berlin.de](mailto:2kfvmnF1sgapU1@uni-berlin.de)>...

>

>> BG wrote:

>>

>>

>>> I'm using X11 on a Mac OS X (OS 10.3.4), IDL 6.0

>>>

>>> If I type:

>>> IDL> iplot, indgen(20)

>>>

>>> sometimes I get this error:

>>>

>>> -----

>>> A system error was detected during tool creation.

>>> The value of this error was:

>>> Unable to create visualization of type IDLitVisNormDataSpace

>>> -----

>>>

>>> other times I get an almost blank itools window, with no axes, tick  
>>> marks, or numbers. the only thing that shows up is a straight line,  
>>> which I am presuming is supposed to be the data. The line shows up in  
>>> the upper right hand corner, is so much larger than the display window  
>>> & is mostly out of view until I try to drag it towards the center of  
>>> the itools window.

>>>

>>> ~~~~~

>>>

>>> Another time I tried this:

>>> IDL> x=findgen(20)\*2+2

>>> IDL> theory=sin(x)

>>> IDL> iplot, theory

>>>

>>> and I got this error message:

>>> -----

```
>>> % Unable to invoke method on NULL object reference: OAXISX.
>>> % XMANAGER: Caught unexpected error from client application. Message
>>> follows...
>>> % Unable to create visualization of type IDLitVisNormDataSpace
>>> -----
>>>
>>>
>>> I'm guessing this might be a compatibility issue or a problem with my
>>> display??
>>>
>>> any ideas?
>>>
>>
>> Hi,
>>
>> I tried the steps you describe above and got no problems at all on Mac
>> OS 10.3. Are you using Apple's X11 windowing?
>>
>> Ben
```

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Subject: Re: Inconsistent errors when opening itools  
Posted by [Richard French](#) on Thu, 08 Jul 2004 03:48:21 GMT  
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On 7/2/04 8:54 AM, in article 2kl42tF3j5mfU1@uni-berlin.de, "Ben Tupper"  
<btupper@bigelow.org> wrote:

```
> BG wrote:
>> I am using X11. Is that what you mean by "using X11 windowing"? Do
>> you think I might need to check any display settings? If so, where??
>
> Yes, that is what I mean. Sorry, I haven't the foggiest where you
> should check your settings. Have you sent this to RSI?
>
It ran fine on my Mac with the identical setup to yours. What happens when
you do
```

(at the shell prompt) xdpinfo

This is what I get. Perhaps this will give you some insight.  
Dick

```
2 rfrench@puccini> xdpinfo
name of display:  :0.0
version number:  11.0
vendor string:   The XFree86 Project, Inc
```

vendor release number: 40300000  
XFree86 version: 4.3.0  
maximum request size: 4194300 bytes  
motion buffer size: 0  
bitmap unit, bit order, padding: 32, MSBFirst, 32  
image byte order: MSBFirst  
number of supported pixmap formats: 7  
supported pixmap formats:  
depth 1, bits\_per\_pixel 1, scanline\_pad 32  
depth 4, bits\_per\_pixel 8, scanline\_pad 32  
depth 8, bits\_per\_pixel 8, scanline\_pad 32  
depth 15, bits\_per\_pixel 16, scanline\_pad 32  
depth 16, bits\_per\_pixel 16, scanline\_pad 32  
depth 24, bits\_per\_pixel 32, scanline\_pad 32  
depth 32, bits\_per\_pixel 32, scanline\_pad 32  
keycode range: minimum 8, maximum 255  
focus: window 0x60000e, revert to None  
number of extensions: 28  
Apple-DRI  
Apple-WM  
BIG-REQUESTS  
DEC-XTRAP  
DOUBLE-BUFFER  
DPMS  
Extended-Visual-Information  
FontCache  
GLX  
LBX  
MIT-SCREEN-SAVER  
MIT-SHM  
MIT-SUNDRY-NONSTANDARD  
RECORD  
RENDER  
SECURITY  
SGI-GLX  
SHAPE  
SYNC  
TOG-CUP  
X-Resource  
XC-APPGROUP  
XC-MISC  
XFree86-Bigfont  
XINERAMA  
XKEYBOARD  
XTEST  
XVideo  
default screen number: 0  
number of screens: 1

screen #0:  
dimensions: 2560x1024 pixels (867x347 millimeters)  
resolution: 75x75 dots per inch  
depths (7): 24, 1, 4, 8, 15, 16, 32  
root window id: 0x57  
depth of root window: 24 planes  
number of colormaps: minimum 1, maximum 1  
default colormap: 0x20  
default number of colormap cells: 256  
preallocated pixels: black 0, white 16777215  
options: backing-store NO, save-unders NO  
largest cursor: 32x32  
current input event mask: 0x1a0000  
StructureNotifyMask SubstructureNotifyMask  
SubstructureRedirectMask  
number of visuals: 32  
default visual id: 0x22  
visual:  
visual id: 0x22  
class: TrueColor  
depth: 24 planes  
available colormap entries: 256 per subfield  
red, green, blue masks: 0xff0000, 0xff00, 0xff  
significant bits in color specification: 8 bits

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