Subject: Inconsistent errors when opening itools Posted by u2s5thmember on Tue, 29 Jun 2004 18:07:01 GMT View Forum Message <> Reply to Message

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

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> wrote in message
news:<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
```

Subject: Re: Inconsistent errors when opening itools Posted by Richard French on Thu, 08 Jul 2004 03:48:21 GMT View Forum Message <> Reply to Message

On 7/2/04 8:54 AM, in article 2kl42tF3j5mfU1@uni-berlin.de, "Ben Tupper" stupper@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 os 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) xdpyinfo

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

2 rfrench@puccini> xdpyinfo 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:

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