
Subject: Re: no text on new graphics - missing path or bad file?

Posted by [AMcNally](#) on Fri, 10 Jun 2016 19:11:42 GMT

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On Friday, June 10, 2016 at 2:23:34 PM UTC-4, wlandsman wrote:

> I might try adding the (undocumented) /DEBUG keyword to your plot command

>

> p1 = plot(indgen(4), indgen(4), title = 'test',/DEBUG)

>

> to see if it gives any additional information. But I am not hopeful. --Wayne

>

> On Friday, June 10, 2016 at 11:08:02 AM UTC-4, AMcNally wrote:

>> On Thursday, June 9, 2016 at 10:28:56 AM UTC-4, AMcNally wrote:

>>> Hello!

>>> Suddenly the titles, numbers on color bars, lat/lon values on maps no longer plot in new graphics. One day they were there, the next day gone - no changes in my script.

>>>

>>> the titles will show up in old graphics.

>>> I have tried both embedding the argument in the initial call

>>>

>>> p1 = plot(indgen(4), indgen(4), title = 'test')

>>>

>>> and after

>>>

>>> p1 = plot(indgen(4), indgen(4))

>>> p1.title = 'test'

>>>

>>> but no title shows up despite the info being stored:

>>>

>>> IDL> print, p1.title

>>> TEXT <5012>

>>> ALIGNMENT = 0.500000

>>> BASELINE = 1.0000000 0.0000000 0.0000000

>>> CLIP = 0

>>> COLOR = 0 0 0

>>> FILL_BACKGROUND = 0

>>> FILL_COLOR = -1

>>> FONT_COLOR = 0 0 0

>>> FONT_NAME = 'Helvetica'

>>> FONT_SIZE = 12.000000

>>> FONT_STYLE = 0

>>> HIDE = 0

>>> NAME = 'Title'

>>> ONGLASS = 0

>>> POSITION = 0.52421875 0.91175000 0.52421875 0.91175000

>>> STRING = 'test'

>>> TRANSPARENCY = 0.000000

>>> UPDIR = 0.0000000 1.0000000 0.0000000

```
>>> VERTICAL_ALIGNMENT      = 0.00000
>>>
>>> It seems to be a problem of idl communicating to the new graphics window this particular text
information.
>>>
>>> Does anyone know where I might look in the IDL paths to see if a file got corrupted?
>>>
>>> I am on a linux cluster, using idl 8.5
>>>
>>> So far IT support has just suggested I use old graphics....not so helpful.
>>>
>>> thanks!
>>> Amy
>>
>> Update:
>> the sys admins don't have the problem so seems to be associated with my profile, or quotas.
>> I did get some more details from the error message. I checked out these files and lines where
the problem seems to be. Anyone think these would be sensitive to a users environment?
>>
>> IDL> !EXCEPT=2
>> IDL> p1.title='help'
>> % Program caused arithmetic error: Floating divide by 0
>> % Program caused arithmetic error: Floating illegal operand
>> % Detected at IDLITVISTEXT::UPDATESELECTIONVISUAL 1153
>> /discover/vis/exelis/idl/idl85/lib/itools/components/idlitvi stext__define.pro
>> % Program caused arithmetic error: Floating illegal operand
>> % Detected at IDLITVISDATASPACE::DRAW 2385
>> /discover/vis/exelis/idl/idl85/lib/itools/framework/idlitvis dataspace__define.pro
```

Thanks, that suggestion might come in handy in the future.
Turns out this problem was with my X11....the problem was solved by restarting my local machine
