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

Posted by [AMcNally](#) on Thu, 09 Jun 2016 14:28:54 GMT

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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       = 1.000000    0.000000    0.000000  
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 = 0.000000
```

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

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

Posted by [AMcNally](#) on Fri, 10 Jun 2016 15:07:59 GMT

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

```
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> 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        = 0.00000
> UPDIR               = 0.0000000    1.0000000    0.0000000
> VERTICAL_ALIGNMENT  = 0.00000
>
```

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> 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
```

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

Posted by [wlandsman](#) on Fri, 10 Jun 2016 18:23:32 GMT

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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.

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>> 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'
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```

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
```

```
>
```

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```

```
>
```

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```

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>>> FONT_NAME           = 'Helvetica'
```

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>>> FONT_SIZE          = 12.000000
>>> FONT_STYLE         = 0
>>> HIDE                = 0
>>> NAME                = 'Title'
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>>> STRING              = 'test'
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>> % 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