
Subject: multiple sign in postscript output in direct graphics

Posted by [Xin Tao](#) on Thu, 29 Aug 2013 05:47:34 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

I seem to keep running into this problem when producing ps output using DG.

A sample code:

```
ps_start, 'a.ps'
plot, [0,1], [4.1e-8, 4.2e-8], /ystyle
ps_end
```

A screenshot of the output "ps" file can be found at:

<http://staff.ustc.edu.cn/~xtao/pub/a.png>

The problem is with the multiple sign in y axis labels. Is there any way to fix this? I have also tried this on a Windows machine, this kind of behaviour can be reproduced. I have even seen papers with figures just like that.

Thanks.

Xin Tao

Subject: Re: multiple sign in postscript output in direct graphics

Posted by [Fabzi](#) on Thu, 29 Aug 2013 09:34:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

On 08/29/2013 07:47 AM, Xin Tao wrote:

```
> Hi,
>
> I seem to keep running into this problem when producing ps output using DG.
>
> A sample code:
>
> ps_start, 'a.ps'
> plot, [0,1], [4.1e-8, 4.2e-8], /ystyle
> ps_end
>
```

In this case I would multiply my y-axis values with 10^8 and indicate the right units in the YTITLE, this would be much easier to read. But this is just my opinion ;-)

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [David Fanning](#) on Thu, 29 Aug 2013 12:16:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

Xin Tao writes:

> I seem to keep running into this problem when producing ps output using DG.
>
> A sample code:
>
> ps_start, 'a.ps'
> plot, [0,1], [4.1e-8, 4.2e-8], /ystyle
> ps_end
>
> A screenshot of the output "ps" file can be found at:
>
> <http://staff.ustc.edu.cn/~xtao/pub/a.png>
>
> The problem is with the multiple sign in y axis labels. Is there any way to fix this? I have also tried this on a Windows machine, this kind of behaviour can be reproduced. I have even seen papers with figures just like that.

That looks like a bug to me. Have you checked with ExelisVis?

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [Xin Tao](#) on Thu, 29 Aug 2013 12:40:43 GMT
[View Forum Message](#) <> [Reply to Message](#)

I haven't. Maybe I should.

Xin Tao

On Thursday, August 29, 2013 8:16:07 PM UTC+8, David Fanning wrote:

> Xin Tao writes:
>
>

>
>> I seem to keep running into this problem when producing ps output using DG.
>
>>
>
>> A sample code:
>
>>
>
>> ps_start, 'a.ps'
>
>> plot, [0,1], [4.1e-8, 4.2e-8], /ystyle
>
>> ps_end
>
>>
>
>> A screenshot of the output "ps" file can be found at:
>
>>
>
>> <http://staff.ustc.edu.cn/~xtao/pub/a.png>
>
>>
>
>> The problem is with the multiple sign in y axis labels. Is there any way to fix this? I have also tried this on a Windows machine, this kind of behaviour can be reproduced. I have even seen papers with figures just like that.
>
>
>
> That looks like a bug to me. Have you checked with ExelisVis?
>
>
>
> Cheers,
>
>
>
> David
>
>
>
>
>
> --
>
> David Fanning, Ph.D.

>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

|

Subject: Re: multiple sign in postscript output in direct graphics

Posted by [Andy Sayer](#) on Thu, 29 Aug 2013 13:19:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

I noticed this too some time ago and assumed that was just what they'd decided to do... although think that an 'x' for the multiply sign would be nicer!

On Thursday, August 29, 2013 8:40:43 AM UTC-4, Xin Tao wrote:

> I haven't. Maybe I should.

>

>

>

> Xin Tao

>

>

>

> On Thursday, August 29, 2013 8:16:07 PM UTC+8, David Fanning wrote:

>

>> Xin Tao writes:

>

>>

>

>>

>

>>

>

>>> I seem to keep running into this problem when producing ps output using DG.

>

>>

>

>>>

>

>>

>

>>> A sample code:

>

>>

>

```

>>>
>
>>
>
>>> ps_start, 'a.ps'
>
>>
>
>>> plot, [0,1], [4.1e-8, 4.2e-8], /ystyle
>
>>
>
>>> ps_end
>
>>
>
>>>
>
>>
>
>>> A screenshot of the output "ps" file can be found at:
>
>>
>
>>>
>
>>
>
>>> http://staff.ustc.edu.cn/~xtao/pub/a.png
>
>>
>
>>>
>
>>
>
>>> The problem is with the multiple sign in y axis labels. Is there any way to fix this? I have
also tried this on a Windows machine, this kind of behaviour can be reproduced. I have even
seen papers with figures just like that.
>
>>
>
>>
>
>>
>
>>> That looks like a bug to me. Have you checked with ExelisVis?
>

```

```
>>
>
>>
>
>>
>
>> Cheers,
>
>>
>
>>
>
>>
>
>> David
>
>>
>
>>
>
>>
>
>>
>
>>
>
>>
>
>> --
>
>>
>
>> David Fanning, Ph.D.
>
>>
>
>> Fanning Software Consulting, Inc.
>
>>
>
>> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
>>
>
>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
>
>
>
> |
```

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [chris_torrence@NOSPAM](#) on Thu, 29 Aug 2013 13:40:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Xin,

It should definitely be an "X", not a dot. On my Mac running IDL 8.2.3 it gives an X. Can you contact support@exelisvis.com and be sure to send them the postscript file so we can see what characters are actually embedded within it?

Thanks.

-Chris
ExelisVIS

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [chris_torrence@NOSPAM](#) on Thu, 29 Aug 2013 17:52:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

Okay, I tracked this down. It looks like if you use hardware/device fonts (!p.font = 0) then IDL automatically replaces any mathematical "x" characters with bullets.

For example:

```
set_plot,'ps'  
!p.font = 0  
plot, [0,1], [4.1e-8, 4.2e-8], /ystyle , title='xx!Mx'  
device,/close
```

Why it does this, I have no idea, but it has been that way since at least 1992. If you use Hershey vector or Truetype fonts then you get the correct "x" symbol.

Now, I can go ahead and fix this so that for scientific notation on the axis tick marks it uses the "x" for all fonts. I don't want to fix the other issue with "!Mx" because people might actually be expecting these to be bullet characters.

Is anyone going to freak out if I replace the bullet characters on axis tick labels with "x" characters? Note that this behavior won't affect custom tick labels - only IDL generated labels. If you have custom tick labels that happen to have !Mx characters you will still get bullets, as you (presumably) expect.

-Chris
ExelisVIS

Subject: Re: multiple sign in postscript output in direct graphics

Posted by [Andy Sayer](#) on Thu, 29 Aug 2013 18:05:14 GMT

[View Forum Message](#) <> [Reply to Message](#)

I think bullets -> x would be good, and would be happy with that fix. (The bullets have led me to have to manually edit axes several times over the years, I just never reported it as I thought that was expected behaviour.)

Andy

On Thursday, August 29, 2013 1:52:44 PM UTC-4, Chris Torrence wrote:

> Okay, I tracked this down. It looks like if you use hardware/device fonts (!p.font = 0) then IDL automatically replaces any mathematical "x" characters with bullets.

>

>

>

> For example:

>

>

>

> set_plot,'ps'

>

> !p.font = 0

>

> plot, [0,1], [4.1e-8, 4.2e-8], /ystyle , title='xx!Mx'

>

> device,/close

>

>

>

> Why it does this, I have no idea, but it has been that way since at least 1992. If you use Hershey vector or Truetype fonts then you get the correct "x" symbol.

>

>

>

> Now, I can go ahead and fix this so that for scientific notation on the axis tick marks it uses the "x" for all fonts. I don't want to fix the other issue with "!Mx" because people might actually be expecting these to be bullet characters.

>

>

>

> Is anyone going to freak out if I replace the bullet characters on axis tick labels with "x" characters? Note that this behavior won't affect custom tick labels - only IDL generated labels. If you have custom tick labels that happen to have !Mx characters you will still get bullets, as you (presumably) expect.

>

>

>

> -Chris

>

> ExelisVIS

Subject: Re: multiple sign in postscript output in direct graphics

Posted by [David Fanning](#) on Thu, 29 Aug 2013 19:34:39 GMT

[View Forum Message](#) <> [Reply to Message](#)

Chris Torrence writes:

> Is anyone going to freak out if I replace the bullet characters on axis tick labels with "x" characters? Note that this behavior won't affect custom tick labels - only IDL generated labels. If you have custom tick labels that happen to have !Mx characters you will still get bullets, as you (presumably) expect.

I think this is the right thing to do. Thanks for being all over this!
:-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: multiple sign in postscript output in direct graphics

Posted by [chris_torrence@NOSPAM](#) on Thu, 29 Aug 2013 20:12:32 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Thursday, August 29, 2013 1:34:39 PM UTC-6, David Fanning wrote:

> Chris Torrence writes:

>

>

>

>> Is anyone going to freak out if I replace the bullet characters on axis tick labels with "x" characters? Note that this behavior won't affect custom tick labels - only IDL generated labels. If you have custom tick labels that happen to have !Mx characters you will still get bullets, as you (presumably) expect.

>

>

>

> I think this is the right thing to do. Thanks for being all over this!

>
> :-)
>
>
>
> Cheers,
>
>
>
> David
>
>
>
>
>
>
> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Okay, it's now fixed in IDL 8.3. 21 years later. That's gotta be a record.
-Chris

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [David Fanning](#) on Thu, 29 Aug 2013 20:20:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Chris Torrence writes:

> Okay, it's now fixed in IDL 8.3. 21 years later. That's gotta be a record.

There are one or two things about the Contour command that would push
the record out of sight, if you wanted to leave a legacy. ;-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [Xin Tao](#) on Fri, 30 Aug 2013 00:43:40 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks Chris for working on this. I just contacted support@exelisvis.com, but I have a feeling that they would again redirect my inquiry to your sales representative in China.

Best,

Xin Tao

On Thursday, August 29, 2013 9:40:08 PM UTC+8, Chris Torrence wrote:

> Hi Xin,
>
>
>
> It should definitely be an "X", not a dot. On my Mac running IDL 8.2.3 it gives an X. Can you
contact support@exelisvis.com and be sure to send them the postscript file so we can see what
characters are actually embedded within it?
>
>
>
> Thanks.
>
>
>
> -Chris
>
> ExelisVIS

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [Phillip Bitzer](#) on Thu, 13 Mar 2014 00:19:40 GMT
[View Forum Message](#) <> [Reply to Message](#)

OK, I'm digging up I'm an old thread, but, I'm still getting something odd:

```
set_plot,'ps'  
!p.font = 0  
Plot, dist(10), XTITLE='r (cm)', YTITLE='Awesomeness', YRANGE=[0, 3d4]
```

device,/close

I don't know, it looks like Greek to me :-)

Setting the font to one gives the correct y title.

Using Coyote Graphics gives me something even goofier:

```
cgPS_OPEN, file='test.png'  
cgPlot, dist(10), XTITLE='r (cm)', YTITLE='Awesomeness', YRANGE=[0, 3d4]  
cgPS_CLOSE
```

Again, specifying FONT=1 in the call to cgPS_OPEN fixes things.

I've filed a request for technical support, BTW.

Subject: Re: multiple sign in postscript output in direct graphics

Posted by [David Fanning](#) on Thu, 13 Mar 2014 04:04:33 GMT

[View Forum Message](#) <> [Reply to Message](#)

Phillip Bitzer writes:

```
> OK, I'm digging up I'm an old thread, but, I'm still getting something odd:  
>  
> set_plot,'ps'  
> !p.font = 0  
> Plot, dist(10), XTITLE='r (cm)', YTITLE='Awesomeness', YRANGE=[0, 3d4]  
> device,/close  
>  
> I don't know, it looks like Greek to me :-)  
>  
> Setting the font to one gives the correct y title.  
>  
> Using Coyote Graphics gives me something even goofier:  
>  
> cgPS_OPEN, file='test.png'  
> cgPlot, dist(10), XTITLE='r (cm)', YTITLE='Awesomeness', YRANGE=[0, 3d4]  
> cgPS_CLOSE  
>  
> Again, specifying FONT=1 in the call to cgPS_OPEN fixes things.  
>  
> I've filed a request for technical support, BTW.
```

What looks like Greek? Everything looks pretty normal to me. :-(

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [Phillip Bitzer](#) on Thu, 13 Mar 2014 16:31:49 GMT
[View Forum Message](#) <> [Reply to Message](#)

Well, that's not reassuring. Here's what I get:

Basic: <https://www.dropbox.com/s/idqhcfxcuxcb9m/idl.ps>

CG: <https://www.dropbox.com/s/sadpfsj5e6l3szk/test.ps>

CG-PNG: <https://www.dropbox.com/s/ytroet1iisibq2/test.png>

Basically, the axis title is (apparently) in a different font.

Am I standing on an island here?

IDL> help, !VERSION

** Structure !VERSION, 8 tags, length=104, data length=100:

```
ARCH      STRING  'x86_64'
OS        STRING  'darwin'
OS_FAMILY  STRING  'unix'
OS_NAME    STRING  'Mac OS X'
RELEASE    STRING  '8.3'
BUILD_DATE STRING  'Nov 15 2013'
MEMORY_BITS INT     64
FILE_OFFSET_BITS
            INT     64
```

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [wlandsman](#) on Thu, 13 Mar 2014 17:09:34 GMT
[View Forum Message](#) <> [Reply to Message](#)

Phillip,

I confirm your results using the same Mac system. The strangest thing is that the text is normal when the YRANGE keyword is removed, or even when it is set to a more reasonable

values of [0,30], It looks like an internal IDL problem. --Wayne

On Thursday, March 13, 2014 12:31:49 PM UTC-4, Phillip Bitzer wrote:

```
> Well, that's not reassuring. Here's what I get:
>
>
>
> Basic: https://www.dropbox.com/s/idqhcfxgcuxcb9m/idl.ps
>
>
>
> CG: https://www.dropbox.com/s/sadpfsj5e6l3szk/test.ps
>
>
>
> CG-PNG: https://www.dropbox.com/s/ytroet1iisiqbq2/test.png
>
>
>
> Basically, the axis title is (apparently) in a different font.
>
>
>
> Am I standing on an island here?
>
>
>
> IDL> help, !VERSION
>
> ** Structure !VERSION, 8 tags, length=104, data length=100:
>
> ARCH      STRING  'x86_64'
>
> OS        STRING  'darwin'
>
> OS_FAMILY  STRING  'unix'
>
> OS_NAME    STRING  'Mac OS X'
>
> RELEASE    STRING  '8.3'
>
> BUILD_DATE  STRING  'Nov 15 2013'
>
> MEMORY_BITS INT      64
>
> FILE_OFFSET_BITS
>
>
>          INT      64
```

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [David Fanning](#) on Thu, 13 Mar 2014 17:16:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

Phillip Bitzer writes:

> Well, that's not reassuring. Here's what I get:
>
> Basic: <https://www.dropbox.com/s/idqhcfxcuxcb9m/idl.ps>
>
> CG: <https://www.dropbox.com/s/sadpfsj5e6l3szk/test.ps>
>
> CG-PNG: <https://www.dropbox.com/s/ytroet1iisiqbq2/test.png>
>
> Basically, the axis title is (apparently) in a different font.
>
> Am I standing on an island here?

Mac problem! :-)

Things look perfectly normal on my Windows machine. Weird.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [chris_torrence@NOSPAM](#) on Thu, 13 Mar 2014 18:11:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

I can reproduce the problem in IDL 8.3.1 on both Mac and Windows. Looks like a real bug to me. It must be related to either the "x" or the exponent, where it gets stuck in "math" mode. If I make the axis range smaller so it doesn't require scientific notation then the problem goes away.

I'll log a bug and try to fix it for 8.3.1.

In the meantime, as a workaround, try adding a "!3" at the start of your YTITLE.

-Chris

ExelisVIS

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [johnbharatmiller](#) on Wed, 23 Apr 2014 15:47:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Thursday, March 13, 2014 12:11:00 PM UTC-6, Chris Torrence wrote:

> I can reproduce the problem in IDL 8.3.1 on both Mac and Windows. Looks like a real bug to me. It must be related to either the "x" or the exponent, where it gets stuck in "math" mode. If I make the axis range smaller so it doesn't require scientific notation then the problem goes away.

>

>

>

> I'll log a bug and try to fix it for 8.3.1.

>

>

>

> In the meantime, as a workaround, try adding a "!3" at the start of your YTITLE.

>

>

>

> -Chris

>

> ExelisVIS

phew... I was going crazy overnight trying to figure this out -- glad to know it's 'just' a bug.

Chris, any idea of the timescale (weeks, months, years?) for the bug fix. Notice also in Phillip's dropbox test.ps plot that the axis labels appear to be drawn multiple times in slightly different fonts. (I see the same thing). Maybe another clue as to what's happening.

thanks,

John

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [chris_torrence@NOSPAM](#) on Wed, 23 Apr 2014 23:27:05 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Wednesday, April 23, 2014 9:47:44 AM UTC-6, johnbhar...@gmail.com wrote:

> On Thursday, March 13, 2014 12:11:00 PM UTC-6, Chris Torrence wrote:

>

>> I can reproduce the problem in IDL 8.3.1 on both Mac and Windows. Looks like a real bug to me. It must be related to either the "x" or the exponent, where it gets stuck in "math" mode. If I make the axis range smaller so it doesn't require scientific notation then the problem goes away.

>

>>

>

>>

>


```
>>
>
>> I'll log a bug and try to fix it for 8.3.1.
>
>>
>
>>
>
>>
>
>> In the meantime, as a workaround, try adding a "!3" at the start of your YTITLE.
>
>>
>
>>
>
>>
>
>> -Chris
>
>>
>
>> ExelisVIS
>
> phew... I was going crazy overnight trying to figure this out -- glad to know it's 'just' a bug.
>
>
>
> Chris, any idea of the timescale (weeks, months, years?) for the bug fix. Notice also in Phillip's
dropbox test.ps plot that the axis labels appear to be drawn multiple times in slightly different
fonts. (I see the same thing). Maybe another clue as to what's happening.
>
>
>
> thanks,
>
>
>
> John
```

Hi John,

So the original problem with the "bullet" character was fixed in IDL 8.3. That other problem with everything switching to greek is now fixed for IDL 8.3.1, due out hopefully sometime this summer.

Cheers,
Chris
ExelisVIS

Subject: Re: multiple sign in postscript output in direct graphics
Posted by [derek.posselt](#) on Thu, 29 May 2014 14:29:28 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Wednesday, April 23, 2014 7:27:05 PM UTC-4, Chris Torrence wrote:

> On Wednesday, April 23, 2014 9:47:44 AM UTC-6, johnbhar...@gmail.com wrote:

>

>> On Thursday, March 13, 2014 12:11:00 PM UTC-6, Chris Torrence wrote:

>

>>

>

>>> I can reproduce the problem in IDL 8.3.1 on both Mac and Windows. Looks like a real bug to me. It must be related to either the "x" or the exponent, where it gets stuck in "math" mode. If I make the axis range smaller so it doesn't require scientific notation then the problem goes away.

>

>>

>

>>>

>

>>

>

>>>

>

>>

>

>>>

>

>>

>

>>> I'll log a bug and try to fix it for 8.3.1.

>

>>

>

>>>

>

>>

>

>>>

>

>>

>

>>>

>

>>

>

>>> In the meantime, as a workaround, try adding a "!3" at the start of your YTITLE.

>

>>

>

```
>>>
>
>>
>
>>>
>
>>
>
>>>
>
>>
>
>>> -Chris
>
>>
>
>>>
>
>>
>
>>> ExelisVIS
>
>>
>
>> phew... I was going crazy overnight trying to figure this out -- glad to know it's 'just' a bug.
>
>>
>
>>
>
>>
>
>>
>
>> Chris, any idea of the timescale (weeks, months, years?) for the bug fix. Notice also in
Phillip's dropbox test.ps plot that the axis labels appear to be drawn multiple times in slightly
different fonts. (I see the same thing). Maybe another clue as to what's happening.
>
>>
>
>>
>
>>
>
>>
>
>> thanks,
>
>>
>
>>
>
```

>>
>
>> John
>
>
>
> Hi John,
>
>
>
> So the original problem with the "bullet" character was fixed in IDL 8.3. That other problem with everything switching to greek is now fixed for IDL 8.3.1, due out hopefully sometime this summer.
>
>
>
> Cheers,
>
> Chris
>
> ExelisVIS

Chris,

Just noticed this behavior in my plots when using the hardware fonts, and will look forward to the 8.3.1 fix. In the mean time, is there code analogous to "!3" that I can use to fix my tick labels? My axis labels are fine, but the tick labels are in scientific notation and the "x" gets converted to an upper case Greek sigma (Linux IDL 8.2.2).

Thanks,

Derek

Subject: Re: multiple sign in postscript output in direct graphics
Posted by chris_torrence@NOSPAM on Thu, 29 May 2014 17:13:12 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Derek,

Hmmm. I think you could use the X/YTICKNAME keywords to specify your own tick text. You would need to do the scientific notation yourself using !U, etc. Or consider switching to truetype fonts?

-Chris

Subject: Re: multiple sign in postscript output in direct graphics

Posted by [jens8472](#) on Tue, 14 Oct 2014 12:21:02 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi all,

I am having the same problem; that when plotting to a .ps using cgps_open, cgplot and cgps_close; the axis titles turn greek, and some axis labels seem to be drawn twice in different fonts.

Am I correct in understanding that IDL 8.4 is due to be released in November?

On Thursday, May 29, 2014 7:13:12 PM UTC+2, Chris Torrence wrote:

> Hi Derek,

>

>

>

> Hmmm. I think you could use the X/YTICKNAME keywords to specify your own tick text. You would need to do the scientific notation yourself using !U, etc. Or consider switching to truetype fonts?

>

>

>

> -Chris

Subject: Re: multiple sign in postscript output in direct graphics

Posted by [chris_torrence@NOSPAM](#) on Tue, 14 Oct 2014 16:14:49 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Tuesday, October 14, 2014 6:21:04 AM UTC-6, jens...@gmail.com wrote:

> Hi all,

>

>

>

> I am having the same problem; that when plotting to a .ps using cgps_open, cgplot and cgps_close; the axis titles turn greek, and some axis labels seem to be drawn twice in different fonts.

>

>

>

> Am I correct in understanding that IDL 8.4 is due to be released in November?

>

>

Yes, very soon!

-Chris
