
Subject: unwanted totally greek postscript output with coyote IDL

Posted by [tho.siegert](#) on Tue, 12 Aug 2014 11:40:49 GMT

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When I updated the coyote IDL library (don't know exactly when, but when it changed from ps_start/ps_end to cgps_open/cgps_close), I recognized some strange things happening (sometimes) with the postscript output.

I don't know if its me or a bug - here are some examples of what i do, using only the coyote IDL library:

```
y = randomn(seed,154)*5e-8
```

```
cgps_open,'plot_w_yrange.ps'  
cgplot,y,xtitle='Flux bins [ph sup-1 cmup-2 keVup-1]', $  
ytitle='Number density',color='black',thick=2,yrange=[0,50]  
cgps_close
```

```
cgps_open,'plot_wo_yrange.ps'  
cgplot,y,xtitle='Flux bins [ph sup-1 cmup-2 keVup-1]', $  
ytitle='Number density',color='black',thick=2  
cgps_close
```

```
cgps_open,'histoplot_w_yrange.ps'  
cghistoplot,y,xtitle='Flux bins [ph sup-1 cmup-2 keVup-1]', $  
ytitle='Number density',color='black',thick=2,yrange=[0,50]  
cgps_close
```

```
cgps_open,'histoplot_wo_yrange.ps'  
cghistoplot,y,xtitle='Flux bins [ph sup-1 cmup-2 keVup-1]', $  
ytitle='Number density',color='black',thick=2  
cgps_close
```

What happens (for me) is the following:

first plot: normal

second plot: the x- and y-titles are in greek letters

third plot: same as 2.

fourth plot: same as 2.

I want to stay with the default style provided in the coyote library when using the cgps_open/cgps_close procedures. Though, if I try setting font = 1 in the call to cgps_open, everything is returned "normal" but rather unasthetic.

Unfortunately, I can not attach something here, so please verify yourself or refute me.

I appreciate any help or comments.

Cheers,

Thomas

Subject: Re: unwanted totally greek postscript output with coyote IDL
Posted by [Phillip Bitzer](#) on Tue, 12 Aug 2014 13:26:53 GMT
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Since we don't have "y" it's tough for us to really verify.

(it's always a good idea to use some dummy data in your code so we can play along with you :-))

But, does this topic help?

<https://groups.google.com/d/topic/comp.lang.idl-pvwave/aykej i8wsLk/discussion>

Subject: Re: unwanted totally greek postscript output with coyote IDL
Posted by [Phillip Bitzer](#) on Tue, 12 Aug 2014 14:48:11 GMT
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Which version of IDL are you using?

I don't get Greek letters on any of the plots using your code.

Perhaps it is related to this: <https://groups.google.com/d/topic/comp.lang.idl-pvwave/aykej i8wsLk/discussion?>

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  '8.2.3'
BUILD_DATE STRING  'May 2 2013'
MEMORY_BITS INT    64
FILE_OFFSET_BITS
            INT     64
```

Subject: Re: unwanted totally greek postscript output with coyote IDL
Posted by [tho.siebert](#) on Wed, 13 Aug 2014 09:44:33 GMT
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Hello Phillip,

my IDL version is:

IDL> help,!version

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

```
ARCH      STRING  'x86_64'
OS        STRING  'linux'
```

```
OS_FAMILY    STRING  'unix'
OS_NAME      STRING  'linux'
RELEASE      STRING  '8.3'
BUILD_DATE   STRING  'Nov 15 2013'
MEMORY_BITS  INT      64
FILE_OFFSET_BITS
              INT      64
```

I also read your post in the other thread. Seems there is an IDL problem, or did I miss some other conclusion?

So shall I just wait for IDL 8.3.1?

Subject: Re: unwanted totally greek postscript output with coyote IDL
Posted by chris_torrence@NOSPAM on Wed, 13 Aug 2014 15:44:56 GMT
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On Wednesday, August 13, 2014 3:44:33 AM UTC-6, tho.s...@gmail.com wrote:

```
> Hello Phillip,
>
>
>
> my IDL version is:
>
>
>
> IDL> help,!version
>
> ** Structure !VERSION, 8 tags, length=104, data length=100:
>
> ARCH      STRING  'x86_64'
>
> OS        STRING  'linux'
>
> OS_FAMILY  STRING  'unix'
>
> OS_NAME    STRING  'linux'
>
> RELEASE    STRING  '8.3'
>
> BUILD_DATE  STRING  'Nov 15 2013'
>
> MEMORY_BITS INT      64
>
> FILE_OFFSET_BITS
>
>              INT      64
```

>
>
>
>
>
> I also read your post in the other thread. Seems there is an IDL problem, or did I miss some other conclusion?
>
> So shall I just wait for IDL 8.3.1?

Hi Thomas,

I can confirm that this code works fine on IDL 8.4 (8.3.1 is now 8.4), using 64-bit Windows.

In the meantime, if you are desperate, you could either set font=1 like you suggested, or you could sprinkle in some !3 commands in front of your x/ytitle text, to force the text back to normal.

Cheers,
Chris
