
Subject: Axis units outside the page boundary when using PS_star

Posted by [DAVIDE LENA](#) on Wed, 30 Jul 2014 14:57:39 GMT

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Hello,

I am trying to plot few histograms into an eps, into the same reference axes with the code given below, but the x-axis label goes out of the page.

Is there any way that I can fix it without changing font size or YSIZE?

Thanks in advance.

Regards

```
PS_Start, /encapsulated, FILENAME = 'NGC1386_vel_distribution.eps', FONT = -1
fits_read, 'file1.fits', vn
cgHistoplot, vn, BIN=10, /FREQUENCY, COLOR = 'black', /OUTLINE, $
XRange = [xrl,xrh], YRange = [yrl,yrh], XTITLE = 'km ' + TexToIDL('s^{-1}')
```

```
fits_read, 'file2.fits', vbb
cgHistoplot, vbb[w2], BIN=10, /FREQUENCY, COLOR = 'blue', /OPLOT, $
/OUTLINE, OL_STYLE = 3, LINE_THICK = 6
```

```
fits_read, 'file2.fits', vbr
cgHistoplot, vbr[w3], BIN=10, /FREQUENCY, COLOR = 'red', linestyle = 2, /oplot, /OUTLINE,
OL_STYLE = 2
PS_END
```

Subject: Re: Axis units outside the page boundary when using PS_star

Posted by [David Fanning](#) on Wed, 30 Jul 2014 15:04:32 GMT

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Italo writes:

> I am trying to plot few histograms into an eps, into the same reference axes with the code given below, but the x-axis label goes out of the page.

> Is there any way that I can fix it without changing font size or YSIZE?

> Thanks in advance.

> Regards

```
>
> PS_Start, /encapsulated, FILENAME = 'NGC1386_vel_distribution.eps', FONT = -1
> fits_read, 'file1.fits', vn
> cgHistoplot, vn, BIN=10, /FREQUENCY, COLOR = 'black', /OUTLINE, $
> XRange = [xrl,xrh], YRange = [yrl,yrh], XTITLE = 'km ' + TexToIDL('s^{-1}')
```

```
>
> fits_read, 'file2.fits', vbb
> cgHistoplot, vbb[w2], BIN=10, /FREQUENCY, COLOR = 'blue', /OPLOT, $
```

```
> /OUTLINE, OL_STYLE = 3, LINE_THICK = 6
>
>
> fits_read, 'file2.fits', vbr
> cgHistogram, vbr[w3], BIN=10, /FREQUENCY, COLOR = 'red', linestyle = 2, /oplot,
/OUTLINE, OL_STYLE = 2
> PS_END
```

Use the POSITION keyword on cgHistogram to put the histogram plot where you want it in the "window".

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: Axis units outside the page boundary when using PS_star

Posted by [DAVIDE LENA](#) on Wed, 30 Jul 2014 15:27:18 GMT

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Thanks.

Is there a way to get the vector with the original position?

On Wednesday, July 30, 2014 11:04:32 AM UTC-4, David Fanning wrote:

```
> Italo writes:
```

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>
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>
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>
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```
>> I am trying to plot few histograms into an eps, into the same reference axes with the code
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```
>
```

```
>> Is there any way that I can fix it without changing font size or YSIZE?
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```
>
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```
>> Thanks in advance.
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>
```

```
>> Regards
```

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>
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>>
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>
```

```
>> PS_Start, /encapsulated, FILENAME = 'NGC1386_vel_distribution.eps', FONT = -1
```

```
>
```

```
>> fits_read, 'file1.fits', vn
```

```
>
```

```

>>  cgHistoplot, vn, BIN=10, /FREQUENCY, COLOR = 'black', /OUTLINE, $
>
>>  XRange = [xrl,xrh], YRange = [yrl,yrh], XTitle = 'km ' + TextToIDL('s^{-1}')
>
>>
>
>>
>
>>  fits_read, 'file2.fits', vbb
>
>>  cgHistoplot, vbb[w2], BIN=10, /FREQUENCY, COLOR = 'blue', /OPLOT, $
>
>>  /OUTLINE, OL_STYLE = 3, LINE_THICK = 6
>
>>
>
>>
>
>>  fits_read, 'file2.fits', vbr
>
>>  cgHistoplot, vbr[w3], BIN=10, /FREQUENCY, COLOR = 'red', linestyle = 2, /oplot,
/OUTLINE, OL_STYLE = 2
>
>>  PS_END
>
>
>
> Use the POSITION keyword on cgHistoplot to put the histogram plot where
>
> you want it in the "window".
>
>
>
> 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: Axis units outside the page boundary when using PS_star
Posted by [David Fanning](#) on Wed, 30 Jul 2014 16:10:55 GMT
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dxl1840@g.rit.edu writes:

> Is there a way to get the vector with the original position?

I don't understand this question. Sorry. I don't see any vectors in your code. And changing the position of the plot shouldn't change anything at all about the graphics output, assuming of course you are positioning everything in data or normalized coordinate space.

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.")
