
Subject: Re: PostScript output and Aspect
Posted by [JP](#) on Fri, 30 Nov 2012 00:33:18 GMT
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Cool! Thanks!

On Friday, 30 November 2012 10:45:28 UTC+11, David Fanning wrote:

> JP writes:

>

>

>

>> I am trying to get a series of multiple plots using PS_Start and PS_End and can't get the settings right.

>

>> With cgWindow I can get my plots nicely on the screen and even muck around with the aspect ratio and finally save a PNG (not so interested in PostScript actually).

>

>> For example:

>

>>

>

>> cgWindow, wMulti=[0,3,1], wxsize=1000, wySize=300

>

>> cgPlot, randomn(seed, 100), /window, /addcmd

>

>> cgPlot, randomn(seed, 100), /window, /addcmd

>

>> cgPlot, randomn(seed, 100), /window, /addcmd

>

>>

>

>> then I save to PNG using the Save Window As > Raster Image via ImageMagick > PNG option and I get what i want. BUT apparently the resize option in ImageMagick left to the default 0.5 and my PNG is a bit blur. (David, would be nice if there was an option to change that default).

>

>

>

> There are all KINDS of options to change the defaults! See the

>

> 100 or so keywords to cgControl or cgWindow_SetDefs. ;-)

>

>

>

>>

>

>> So I try with:

```
>
>> PS_Start, 'myImage.png'
>
>> !P.Multi=[0,3,1]
>
>> cgPlot, randomn(seed, 100)
>
>> cgPlot, randomn(seed, 100)
>
>> cgPlot, randomn(seed, 100)
>
>> PS_End, /PNG, Resize=100
>
>>
>
>> Now I get rid of the blur in the PNG but the Aspect of my final plots has changed from what i
wanted. I tried to play with the settings using the /GUI option but still can't get it right... Am I
missing something very obvious?
>
>
>
> Use cgDisplay to set up your "display window". If you
>
> are using an actual display, it will create a window
>
> with that aspect ratio. If you are in PostScript, it
>
> will create a PostScript window with that aspect ratio:
>
>
>
> ps_start
>
> cgDisplay, 1000, 300
>
>
>
> ...
>
> ps_end, /png
>
>
>
> Cheers,
>
>
>
> David
```

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