
Subject: Re: Updates to Markwardt Library
Posted by [David Fanning](#) on Thu, 22 Dec 2011 03:56:56 GMT
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Craig Markwardt writes:

> Dang, it's a tough crowd in here tonight :-)

I guess! :-)

I was curious about your PXPERFECT routine, because I've had my own struggles getting PostScript output to look like what is on the display. I just ran a test.

I compared the output of this command:

```
cgplot, cgdemodata(1), xtitle='Time (Seconds)',  
ytitle='Signal Strength', $  
position=[0.125, 0.125, 0.95, 0.85], $  
title='Experiment 10A3B', output='test.ps'
```

With this (I think I did this correctly):

```
thisDevice = !D.Name  
ps_extra = pxperfect(/landscape, thick_factor=tf)  
set_plot, 'ps'  
device, _extra=ps_extra  
cgplot, cgdemodata(1), xtitle='Time (Seconds)',  
ytitle='Signal Strength', $  
position=[0.125, 0.125, 0.95, 0.85], $  
title='Experiment 10A3B', thick=tf  
device, /close  
set_plot, thisDevice
```

These commands should be duplicating what I would see in a normal 640 by 512 graphics window:

```
cgDisplay, 640, 512
```

I see almost no difference in the character size, interestingly enough. But I do notice that your plot is a different size than mine is.

If I print and measure my plot, it is 20x14cm. Your plot is 18.5x13. These ratios are 0.7 and 0.702. The ratio of the window is 512/640 = 0.8. Are we both wrong? :-)

Cheers,

David

--

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

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