
Subject: Re: Ps_start and Ps_end
Posted by [David Fanning](#) on Fri, 18 Feb 2011 18:50:29 GMT
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kisCA writes:

> I am trying to make a plot and to export it in png with Ps_start and
> Ps_end but the problem is that the png file missed somethings written
> with xyouts on the right and ths ps file don't.

Are you using today's software? This isn't the
page aspect problem we solved yesterday, is it?

And, I assume you are saying the PostScript file has
the text, but the PNG file does not. Is that correct?

Also, a couple of things about your code:

```
> PS_start,filename='Lidar Ozone anomalies and fit.ps',/  
> nomatch,charsize=0.8  
> !p.font=0 ;use postscript fonts  
> !p.thick=3 ;data  
> !x.thick=2 ;x axis  
> !y.thick=2 ;y axis  
> device, /helvetica, /isolatin1, xsize=16, ysize=18, decomposed=0, /  
> color
```

There really is no reason to use PS_START if you are going to do
all of this. This is sort of the point of PS_START. It will set
all this stuff up for you.

```
> plot,time,Zproxy,/nodata,xstyle=1,xrange=[anneedeb,  
> 2011],ystyle=1,yrange=[15,50],title='Lidar Ozone anomalies (black) and  
> regression fit (red)',  
> ytitle='Altitude (km)',xticks=n_elements(annee),xtickn=[annee,  
> 2011]  
> xyouts, 2011.5, 48,'R!E2' <---  
> for k=0,n_elements(Zproxy)-1,5 do begin  
>   oplot,time,[Zproxy(k),Zproxy(k)],linestyle=1  
>   oplot,time,2*Ti(*,k)+Zproxy(k),color=0  
>   oplot,time,2*mco_T(*,k)+Zproxy(k),color=204  
>   xyouts, 2011, Zproxy(k),R2str(k) <---  
> endfor  
> xyouts, 1996, 13,'(0.5 ppmv scaled to 1km)'  
> xyouts, 2002.6, 13,'Year'  
> PS_end,/png
```

If the only reason you are using PS_START and PS_END is to

produce a PNG file from the PS file, I'd just use the ImageMagick convert command. So much simpler. :-)

I have a routine that just takes the name of a PostScript file and creates a PNG file out of it. Takes about 15 seconds to write.

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.")
