
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

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: Ps_start and Ps_end

Posted by [kisCÄ](#) on Fri, 18 Feb 2011 19:03:51 GMT

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On Feb 18, 10:50 am, David Fanning <n...@idlcoyote.com> wrote:

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

Yes, I downloaded today : coyoteprograms & coyote2ndfiles. Don't seem to be the same problem as yesterday.

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

Yes

> 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.

Sure, in fact I just need to fix xsize and ysize

> 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.

Could be useful, I think I have seen it on your website

Cheers

Subject: Re: Ps_start and Ps_end
Posted by [David Fanning](#) on Fri, 18 Feb 2011 19:15:49 GMT
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kisCA writes:

> Yes, I downloaded today : coyoteprograms & coyote2ndfiles. Don't seem
> to be the same problem as yesterday.
>
>> And, I assume you are saying the PostScript file has
>> the text, but the PNG file does not. Is that correct?
>
> Yes
>
>> 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.
>
> Sure, in fact I just need to fix xsize and ysize

OK, I suspect this is the problem then. PS_END, which will create the PNG file from the PostScript file, relies on information created in PS_Start. Like, for example, the size of the output. So, if you are circumventing PS_Start to create your own sizes, PS_End won't know about it.

If you want to use PS_Start, just set your sizes with it:

```
PS_Start, /NoMatch, XSIZE=5, YSIZE=5, /Inches, FILE='test.ps'
```

Then, don't mess around changing anything. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.

Subject: Re: Ps_start and Ps_end
Posted by [David Fanning](#) on Fri, 18 Feb 2011 19:21:17 GMT
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David Fanning writes:

> OK, I suspect this is the problem then. PS_END, which
> will create the PNG file from the PostScript file, relies
> on information created in PS_Start. Like, for example,
> the size of the output. So, if you are circumventing
> PS_Start to create your own sizes, PS_End won't know
> about it.
>
> If you want to use PS_Start, just set your sizes with it:
>
> PS_Start, /NoMatch, XSIZE=5, YSIZE=5, /Inches, FILE='test.ps'
>
> Then, don't mess around changing anything. :-)

If you *do* want to muck around, set the /GUI keyword
to PS_Start and you can muck around in PSConfig for
as long as you like. PS_END will still know about it. :-)

Cheers,

David

--

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

Subject: Re: Ps_start and Ps_end
Posted by [kisCA](#) on Fri, 18 Feb 2011 19:30:05 GMT
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On Feb 18, 11:15 am, David Fanning <n...@idlcoyote.com> wrote:

> OK, I suspect this is the problem then. PS_END, which
> will create the PNG file from the PostScript file, relies
> on information created in PS_Start. Like, for example,

> the size of the output. So, if you are circumventing
> PS_Start to create your own sizes, PS_End won't know
> about it.
>
> If you want to use PS_Start, just set your sizes with it:
>
> PS_Start, /NoMatch, XSIZE=5, YSIZE=5, /Inches, FILE='test.ps'

I think I understand better now.

I tried as you suggest and also with some changes in xsize to make the things written on the right appear in the png file but without success (still appear on ps file)

```
PS_start,filename='Lidar Ozone anomalies and fit.ps',/  
nomatch,charsize=0.6,xsize=5, ysize=5, /Inches  
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=FSC_COLOR('black')  
    oplot,time,2*mco_T(*,k)+Zproxy(k),color=FSC_COLOR('red')  
    xyouts, 2011, Zproxy(k),R2str(k)  
endfor  
xyouts, 1996, 13,'(0.5 ppmv scaled to 1km)'  
xyouts, 2002.6, 13,'Year'  
PS_end,/png
```

> Then, don't mess around changing anything. :-)

I try with all my strenght but sometimes my brain don't want to hear :-)

Cheers

Subject: Re: Ps_start and Ps_end
Posted by [David Fanning](#) on Fri, 18 Feb 2011 19:33:26 GMT
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kisCA writes:

> I try with all my strenght but sometimes my brain don't want to
> hear :-)

Yeah, I hear you. Please send me the PostScript file and the convert command you are using with PS_End (it will be printed out in the window when you use PS_End). You can send it to "david" at my domain name.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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