
Subject: Re: problem with multiple page postscript plots
Posted by [Søren Frimann](#) on Mon, 22 Nov 2010 15:12:18 GMT
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On Nov 22, 3:07 pm, Søren Frimann <frim...@phys.au.dk> wrote:

> Hi all.
>
> I'm having a problem with creating postscript plots of multiple pages.
>
> My code looks like this:
> -----
> pro plotexample, n
>
> compile_opt idl2
>
> set_plot, 'ps'
> !p.multi=[0,1,3]
> device, filename='example.ps'
>
> for i = 0,n do begin
> plot, [0,1],[0,1]
> plot, [0,1],[0,1]
> plot, [0,1],[0,1]
> endfor
>
> set_plot, 'x'
> !p.multi = 0
>
> end
> -----
>
> If n is too low (lt 29) it never produces a readable .ps file. If n is
> higher it doesn't include all pages (or for that matter all subplots
> on the last page). Sometimes the last window drawn don't contain any
> data -- at other times it only draws the horizontal axes.
>
> I'm really lost as to why this is happening.
>
> Regards,
> Soeren

I use IDL 6.4 on a unix machine btw

Subject: Re: problem with multiple page postscript plots
Posted by [penteado](#) on Mon, 22 Nov 2010 15:15:34 GMT
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On Nov 22, 1:07 pm, Søren Frimann <frim...@phys.au.dk> wrote:
> If n is too low (lt 29) it never produces a readable .ps file. If n is
> higher it doesn't include all pages (or for that matter all subplots
> on the last page). Sometimes the last window drawn don't contain any
> data -- at other times it only draws the horizontal axes.
>
> I'm really lost as to why this is happening.

I suggest adding a 'device,/close' before you switch back to the X device. PS writing can be cached, some things may only be written to the file when you close it.

Subject: Re: problem with multiple page postscript plots
Posted by [penteado](#) on Mon, 22 Nov 2010 15:16:11 GMT
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On Nov 22, 1:15 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:
> I suggest adding a 'device,/close' before you switch back to the X
> device. PS writing can be cached, some things may only be written to
> the file when you close it.

By that I meant to say buffered, not cached.

Subject: Re: problem with multiple page postscript plots
Posted by [Søren Frimann](#) on Mon, 22 Nov 2010 15:17:23 GMT
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On Nov 22, 3:15 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:
> On Nov 22, 1:07 pm, Søren Frimann <frim...@phys.au.dk> wrote:
>
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>> higher it doesn't include all pages (or for that matter all subplots
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> I suggest adding a 'device,/close' before you switch back to the X
> device. PS writing can be cached, some things may only be written to
> the file when you close it.

That did the trick - thanks very much :-)

Subject: Re: problem with multiple page postscript plots
Posted by [Paul Van Delst\[1\]](#) on Mon, 22 Nov 2010 15:35:56 GMT
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BTW, you might to have a look at the "pson" and "psoff" utilities written by liam gumley:
<http://www.gumley.com/>
Click on the "About the book" link to get directed to a page containing tarballs of the code.

cheers,

paulv

Sören Frimann wrote:

```
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```
