## 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 (It 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 (It 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 View Forum Message <> Reply to Message

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 View Forum Message <> Reply to Message

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:

- >> If n is too low (It 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.

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
S�ren Frimann 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
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> set_plot, 'ps'
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