
Subject: Re: multiple plots and pages to ps file
Posted by [David Fanning](#) on Wed, 23 Jan 2008 19:49:36 GMT
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knielsen73@gmail.com writes:

```
> I am trying to output a ps file with 8 plots per page and several
> pages. However, my program only make one plot and then go to a new
> page. My program looks something like this:
>
> SET_PLOT, 'ps'
> DEVICE, /landscape,xsize=25,ysize=18,yoffset=28.5
> LOADCT,13
> DEVICE,/color,bits=8
> !P.FONT=0
> DEVICE,filename='output.ps'
> !P.MULTI=[0,2,4]
>
> FOR...    loop, where I open each data file...
> Contour procedure
> ENDFOR
> DEVICE,/CLOSE
```

The code that's drawing your contour plot must be doing something weird. There is nothing wrong with this code. :-)

Cheers,

David

--

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

Subject: Re: multiple plots and pages to ps file
Posted by [knielsen73](#) on Wed, 23 Jan 2008 19:53:56 GMT
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here is my contour code...

```
;-----
MAP_SET, 0, 0, /NOBORDER,
LIMIT=[40,-180,90,180],POSITION=[x0,y0,x1,y1], TITLE=s_filename
LOADCT, 33
contour, sat_ratio,lon, lat, /XSTYLE, YSTYLE=5, level=sat_level, /
CELL_FILL,/OVERPLOT, $
```

```

    POSITION=[x0,y0,x1,y1]
    LOADCT,13
    myTicks = ['40','50','60','70','80','90']
    myTickvals = [0,0.2,0.4,0.6,0.8,1]
    AXIS, YAXIS=0, CHARSIZE=1.2, YTICKNAME=myTicks, YTICKV=myTickvals,
YTICKS=5, YTITLE='Latitude'
    AXIS, YAXIS=1, CHARSIZE=1.2, YTICKNAME=replicate(' ',6),
YTICKV=myTickvals, YTICKS=5

    myticks=['180W','120W','60W','0','60E','120E','180E']
    mytickvals=[0, 0.167, 0.333, 0.5, 0.667, 0.833, 1]
    AXIS, XAXIS=0, CHARSIZE=1.2, XTICKNAME=myTicks, XTICKV=myTickvals,
XTICKS=6, XTITLE='Longitude'
    AXIS, XAXIS=1, CHARSIZE=1.2, XTICKNAME=replicate(' ',7),
XTICKV=myTickvals, XTICKS=6
;-----

```

David Fanning wrote:

> knielsen73@gmail.com writes:

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>> pages. However, my program only make one plot and then go to a new
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> David

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Subject: Re: multiple plots and pages to ps file
Posted by [David Fanning](#) on Wed, 23 Jan 2008 19:54:37 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning writes:

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> The code that's drawing your contour plot must be doing
> something weird. There is nothing wrong with this code. :-)
```

I would guess your Contour procedure code has an ERASE in it that is not being protected for PostScript. If it is there, it should be written like this:

```
IF (!D.FLAGS AND 256) NE 0 THEN ERASE
```

Cheers,

David

--

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Subject: Re: multiple plots and pages to ps file
Posted by [David Fanning](#) on Wed, 23 Jan 2008 19:58:11 GMT
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knielsen73@gmail.com writes:

```
> here is my contour code...  
>  
> ;-----  
> MAP_SET, 0, 0, /NOBORDER,
```

Ah, OK, you want to work with map projections and multiple plots differently than you do with other plots:

http://www.dfanning.com/tips/map_pmulti.html

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Subject: Re: multiple plots and pages to ps file
Posted by [knielsen73](#) on Wed, 23 Jan 2008 20:00:47 GMT
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thanks...I will try that :)

David Fanning wrote:

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> knielsen73@gmail.com writes:  
>  
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> --  
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```

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