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Subject: Problem with titles on a multi plot ps file

Posted by [Justus Skorps](#) on Mon, 28 Apr 2008 07:53:13 GMT

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Hi all,

I have a little problem with multiple plots on a ps file:

In my program I am creating two multi plot ps files, both with 3 columns and 5 rows. On the first ps file I am using the plot command for each subplot, on the second one the shade\_surf command (with az=0,ax=90 for a top view). Both ps files are opened with the same parameters (despite the name of course) and I am using the !Y.OMargin to get some space above all plots for an overall title.

For the first ps file everything works fine, I can set an individual title for each subplot and these titles are plotted correctly. But for the second file (with the shade\_surf command) the titles are truncated, only the points in the bottom are printed, ob the exact same position as in the first file. And I cannot understand why the upper points are not printed, it looks like they are overpainted with a white box. It does not matter how many subplot I really plot, even if only one is printed the title is truncated.

Anybody can give me a hint?

Thanx in advance,  
Justus

Test code:  
pro testplot

```
psfilename1 = 'X:\js\testmax.ps'  
psfilename2 = 'X:\js\testsum.ps'
```

```
set_plot,'PS'
```

```
; first ps file
```

```
!Y.OMargin=[0,4.0]  
device,filename=psfilename1,xsize=19.0,xoffset=1.0,yoffset=1  
.0,ysize=27.7,inches=0,bits_per_pixel=8  
xyouts,0.5,0.98,alignment=0.5,'main title',/normal
```

```
!p.multi[1]=3  
!p.multi[2]=5
```

```
x=findgen(150)/10
y=x^2

for i=0,14 do begin
  !P.multi[0]=15-i  ;select subplot
  plot,x,y,title='subtitle',yrange=[0,260],ystyle=1
endfor

device,/close

; second ps file

!Y.OMargin=[0,4.0]
device,filename=psfilename2,xsize=19.0,xoffset=1.0,yoffset=1
.0,ysize=27.7,inches=0,bits_per_pixel=8
xyouts,0.5,0.98,alignment=0.5,'main title',/normal

!p.multi[1]=3
!p.multi[2]=5

t=dist(300,400)

for i=0,14 do begin
  !P.multi[0]=15-i
  shade_surf,t,sh = bytscl(t,top=255,MIN=0,MAX=255,/
nan),az=0,ax=90,title='subtitle',ystyle=4,xstyle=4,zstyle=4
endfor

device,/close

end
```

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