
Subject: !p.multi , colorbar&set_viewport ?

Posted by [anil](#) on Wed, 20 Nov 2013 10:16:01 GMT

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Hello,

I'm trying to plot many figures with multi-plots in each of them.

I use !p.multi. The problem is I plot my colorbar using set_viewport, as below:

```
b=clevels
r=size(b)
aa = dblarr(r(1),2)
aa = [[b], [b]]
cc = dblarr(1, 2)
cc = [0, 1]
cc=transpose(cc)
set_viewport, 0.05,0.55,0.55,0.57

contour,aa, b ,cc,/cell_fill, levels = b, /noer,$
ytickinterval = 1, ycharsize = 1, ys =4,xs = 1,charthick=1,charsize=0.4 ,$
c_colors=indgen(269)+1,/overplot
```

My code works fine until this point. I plot map projections with contour on top of them. Then I want to add my colorbar beneath this figure but what happens is starting from the 2nd file, it only plots the frame (from set_viewport command) and plots everything else inside this frame. How can I fix this? I use /advance and /noerase keywords in the map projection and contour routines but it gets stuck in this viewport. When I just do set_viewport,device. I can see the map projection and contour on top of it. So I am sure it is plotting, just not where I want it. Any help is appreciated

Cheers,

Anil
