
Subject: xyouts and !p.multi , help!?!?

Posted by [anil](#) on Mon, 17 Jun 2013 14:19:09 GMT

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Hi,

I'm trying to plot 4 map projections on a single page, with a common colorbar just below them. After this, I want to manually write some text on the page. I could not write anything anywhere on the page , no matter what i tried with XYOUTS. Plots work just fine but i can't write any text?!? Here is what i'm doing:

```
set_plot, 'ps'
device,/inches,/color
device, filename = '1.eps'
!p.multi=[0,2,2,0,0]
for k=0,numfiles-1 do begin
clevels=findgen(201)*(61./201.)-30
  Map_Set, Limit=[40 ,27,48, 42],/advance,xmargin=[3,2],ymargin=[5,1]
  Map_grid,/GRID, /labels, lats=[38,39,40,41,42,43,44,45,46,47,48],$
    lons=[26,28,30,32,34,36,38,40,42],latnames=["','39','41','43','45','47'],$
    lonnames=['26','28','30','32','34','36','38','40','42'],/box _axes,charsize=0.5
  Map_continents,/hires,/coasts,/rivers,/advance,/noerase
  loadct,40,ncolors=202
  contour,ssh(k,*),lon(k,*),lat(k,*),c_colors=indgen(201)+1,$
  Levels=clevels,/CELL_FILL,/Overplot,/noerase
endfor
!p.multi=[0,1,1,0,0]
loadct,40,ncolors=202
;here comes the colorbar
b=clevels;findgen(201)*(q/200.)+y
r=size(b)
aa = dblarr(r(1),2)
aa = [[b], [b]]
cc = dblarr(1, 2)
cc = [0, 1]
cc=transpose(cc)
set_viewport, 0.1,0.9,0.05,0.09

contour,aa, b ,cc,/cell_fill, levels = b, /noer,$
ytickinterval = 1, ycharsize = 1, ys =4,xs = 1,charthick=1,charsize=1.0 ,$
c_colors=indgen(200)+1

;here is what i can't figure out:
xyouts..... ??!?!
close,/all
end
```

Why can't i just write with xyouts,0.5,0.5,'text' ?

Is it because of !p.multi? I also set !p.multi=0 before xyouts ,that does not work either? Please

help.
Thanks,
anil
