
Subject: IDL set_plot

Posted by [Thibault](#) . on Fri, 04 Sep 2009 12:46:33 GMT

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Hi, i am trying with IDL to open two set_plot,'ps', one into the other, but it does not really work:

```
set_plot, 'ps'
device, filename='~/couplage/models/plots_models/512_W3_z3/
lya_lfs.ps',/color,bits_per_pixel=8

for kmodel=0L,11L do begin

    plot,h.x,h.dn/vbox/h.dx
    plot,hsflog.x,hsflog.dn/hsflog.dx

    set_plot, 'ps'
    device, filename='~/couplage/models/plots_models/512_W3_z3/
model_'+strtrim(kmodel,2)+''.ps',/color,bits_per_pixel=8

    plot,h.x,h.dn/vbox/h.dx,xtitle='logL!dLy!7a!3!n (erg.s!u-1!
n)',ytitle='dN/dlogL!dLy!7a!3!n (Mpc!u-3!n)',

    plot,hsflog.x,hsflog.dn/hsflog.dx/total
    (hsflog.dn),psym=10,thick=4.5,charthick=4.5,charsize=1.6,xtitle='log(f!
desc!n)',ytitle='dN/d(log(fesc))',title='Distribution of Ly!7a!3!n
escape fraction',xr=[-5.,0.],/nodata,/ylog,yr=[0.001,100.]

    device, /close

endfor

device,/close
```

The first set_plot is intended to save a plot at each loop's iteration but i cannot open the corresponding ps file in the end... I think one part of the issue is that the first device,/close closes the first set_plot whereas i would like it to close the second one... Do you know if there exist any documentation about this "entangled set_plot" problem? Thanks
