
Subject: Device independent plotting

Posted by [Karen](#) on Wed, 05 May 2010 09:56:14 GMT

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I am using IDL workbench on a Mac at work and a PC at home and I'd like my code to plot the same colours independent of device and platform. I've downloaded the FSC_Color app and read the very helpful documentation by David Fanning. I thought I had followed his instructions carefully for how to get device independent colours, but I can't make it work. At the moment, if I plot to the screen, I get the classic red on black colour scheme, and in Postscript it only plots the axes and labels.

The relevant part of my code looks like this:

```
;Initialise device independent colour routine
backColor = FSC_Color("White", !D.Table_Size-2)
envColor = FSC_Color("Red", !D.Table_Size-3)
dataColor = FSC_Color("Charcoal", !D.Table_Size-4)
```

```
!p.multi=[0,1,1]
set_plot,'ps'
```

```
minval=min(aftercoinciardata,/nan,max=maxval) ;find min and max for
plotting
```

```
;set up plot x axis and parameters with no data
plot,x,aftercoinciardata[0,*],/
nodata,yrange=[minval*1.5,maxval*1.5],ystyle=1,xtitle="time after
coinc(s) ",ytitle="IAR change(mWm!E-2!
N)",title=file,Background=backColor
```

```
for i=0L, (n_elements(aftercoinciardata[*,0])-1) do begin
```

```
  oplot,x,aftercoinciardata[i,*],thick=0.25,Color=dataColor,linestyle=1 ;plot
  each line one by one
endfor
```

```
oplot,x,-envelope_max,thick=3,color=envcolor ;red
oplot,x,-envelope_min,thick=3,color=envcolor
```

```
device,/close
```

```
end
```
