
Subject: Re: changing the format of axis

Posted by [Hasan](#) on Fri, 25 Nov 2011 14:52:22 GMT

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On Nov 25, 2:09 pm, David Fanning <n...@dfanning.com> wrote:

> Hasan writes:

>> I removed the Window keyword and added cgWindow but it seems I am

>> missing something else. if you copy and past the following code and

>> see the results, please, you can see what I mean.

>

> Well, a couple of things. AL_LEGEND requires a WINDOW

> keyword, instead of an ADDCMD keyword to add the command

> to the graphics window. But the biggest problem is that

> you didn't set the Y range of your data on your first plot.

>

> Since you are overplotting your other data sets, the first

> plot you create must have a range that is large enough

> to accommodate all the rest of the data you want to put on

> it. In this case, I also made the range large enough so I

> could easily fit the legend onto the plot.

>

> y1=[576.000,687.000,416.000,325.000,271.000]

> y2=[665.000,702.000,527.000,493.000,433.000]

> y3=[2333.00,2409.00,2168.00,1791.00,1583.00]

> y4=[225.000,371.000,149.000,168.000,60.0000]

> y5=[863.000,912.000,590.000,652.000,695.000]

> y6=[546.000,539.000,336.000,322.000,275.000]

> y7=[1431.00,1523.00,1001.00,914.000,892.000]

> x=[-12,-8,0,5,10]

>

> cgwindow

>

> cgplot,x,y1/10000,LineStyle=0,CHARSIZE =1,color='black', xtickv=x,\$

> xticks=n_elements(x)-1,XTITLE='Class 1',YTITLE='Values', \$

> Title='Differernt calsses values',yrange=[0.,3250.]/10000, /ADDCMD

> cgplot,x,y2/10000,LineStyle=0,color='green',/overplot,/ADDCMD

> cgplot,x,y3/10000,LineStyle=0, color='red',/overplot,/ADDCMD

> cgplot,x,y4/10000,LineStyle=0, color='orange',/overplot,/ADDCMD

> cgplot,x,y5/10000,LineStyle=0, color='magenta',/overplot,/ADDCMD

> cgplot,x,y6/10000,LineStyle=0, color='cyan',/overplot,/ADDCMD

> cgplot,x,y7/10000,LineStyle=0, color='blue',/overplot,/ADDCMD

>

> al_legend,LineStyle=0,\$

> ['class1','class2','class3','class4','class5','class6','class7']\$

> ,color=

> ['black','green','red','orange','magenta','cyan','blue'],Position=[0.2,\$

> 0.85], /Normal,CHARSIZE=0.8, /WINDOW

> END

>
> This works correctly. :-)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thanks a lot David.
