
Subject: Re: changing the format of axis

Posted by [Hasan](#) on Fri, 25 Nov 2011 11:19:53 GMT

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On Nov 24, 6:29 pm, David Fanning <n...@dfanning.com> wrote:

> Hasan writes:

>> I got this error message 'Trapped Error CGWINDOW: A valid cgWindow doe
>> not exist to add a acommand to.

>

> Now I am guessing you changed the keyword on the first command
> in that series from WINDOW, which you had before, to ADDCMD.

>

> The WINDOW keyword will either replace all the commands in
> a window, if a window exists, with a particular command,
> or create a window and add the command to it. Subsequent
> commands are added with the ADDCMD keyword. If you
> need a window, you can always create one by typing cgWindow.

>

> There is a whole book on the subject if you need further
> direction. :-)

>

> 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.")

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.

```
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',/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,$
0.34], /Normal,CHarSIZE=0.8
```
