
Subject: Re: plot problem

Posted by [lecacheux.alain](#) on Sat, 28 Jul 2012 09:31:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

Le samedi 28 juillet 2012 07:10:16 UTC+2, dave poreh a écrit :

> On Friday, July 27, 2012 4:22:34 PM UTC-7, alx wrote:

>

>> Le vendredi 27 juillet 2012 18:22:28 UTC+2, dave poreh a écrit :

>

>>

>

>>>

>

>>

>

>>> Works perfect. Thanks, just i need to pass a text for each graph:

>

>>

>

>>> !null = text(1,1, 'speed=', \$ \pm \$ num2str, /data, font_size=12)

>

>>

>

>>> that stands for *speed= 10+- 0.2* for instance on each graph. Can you help pls.

>

>>

>

>>>

>

>>

>

>>> Cheers,

>

>>

>

>>>

>

>>

>

>>> Dave

>

>>

>

>>

>

>>

>

>> Try:

```

>
>>
>
>>
>
>>
>
>> IDL> pl = objarr(6)
>
>>
>
>> IDL> for i=0,5 do begin
>
>>
>
>> IDL>  pl[i] = plot(/TEST, LAYOUT=[3,2,i+1], CURRENT=(i ne 0))
>
>>
>
>> IDL>  !null = text(100, 0.8-0.05*i, 'text', /DATA, TARGET=pl[i])
>
>>
>
>> IDL> endfor
>
>>
>
>>
>
>>
>
>> Alain.
>
>
>
> Dear Alx
>
> It is not working for me! here is the code:
>
> pro GPS_text
>
> cd,'C:\Documents and Settings\Dave\Desktop'
>
> pathName="d:\p\"
>
> List = findfile(pathName+"*.dat")
>
> nosFiles=N_ELEMENTS(List)

```

```

>
> data = ptrarr(nosFiles)
>
> outfile = STRARR(nosFiles)
>
> p1=objarr(27)
>
> for i = 0, nosFiles - 1 do begin
>
> x=read_ascii(list[i],DATA_START=1)
>
> rootname = File_Basename(list[i], '.dat')
>
> data[i] = ptr_new(x)
>
> vert=(*data[i]).(0)
>
> p1[i]=plot(vert[0,*],vert[1,*], 'ob', /SYM_FILLED, $
>
>   SYM_SIZE=0.5,MARGIN=[0.1,0.2,0.0,0.05],layout=[3,9,i+1],/CUR RENT)
>
> fit=linfit(vert[0,*],vert[1,*],yfit=yfit)
>
>
>
> !null = text(100, 0.8-0.05*i, 'speed=', /DATA, font_size=12, TARGET=p1[i])
>
>
>
> p2= plot(vert[0,*],yfit , thick=2,color='red',xrange=[1998,2013],$
>
> /overplot, /SYM_FILLED, /undoc)
>
>   print, fit, mean(vert[6,*])
>
>
>
> endfor
>
>
>
> end

```

I cannot run your code to see what is not working, but I guess that the issue comes from using /OVERPLOT in the 'p2' statement. Indeed, the OVERPLOT keyword in NG does not work exactly like the oplot statement in DG: in particular, axis ranges and labeling are changed as needed. To ensure an exact overplotting in your case, I would suggest to modify the 'p2' statement as follows:

```
p2 = plot(ver[0,*], yfit , thick=2, color='red', xrange=p1[i].xrange, $  
yrange=p1[i].yrange, /overplot, /SYM_FILLED, /undoc)
```

and maybe add 'xrange=[1998,2013]' in the 'p1' statement.

By the way, what means the '/undoc' keyword you are using in your plot statement ?

Alain.
