
Subject: Re: xyouts with p.multi
Posted by [davidf](#) on Thu, 24 May 2001 21:50:06 GMT
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Christopher W. O'Dell (odell@cmb.physics.wisc.edu) writes:

```
> I am plotting six graphs on one page using !p.multi =  
> [0,2,3]  
> I am trying to put some text in the same place on each  
> graph, by using  
>  
> xyouts, x, y, 'text', /norm  
>  
> after each graph is plotted. I would think, using /norm,  
> that it would put the  
> text *in that graph*; but it doesn't, it puts it in some  
> crazy place. Does anyone know how  
> to make xyouts position the text with respect to the most  
> recently plotted graph in the current window?
```

I'm not sure why you would have expected that,
since I've never heard "normalized" defined by anyone
with respect to what is *in* a window. But you could
use the "normalized" coordinates of the plot axis
endpoints to position text. Here is an example:

```
PRO Test  
!P.Multi=[0, 3, 2]  
FOR j=0,5 DO BEGIN  
    Plot, Findgen(11)  
    XYOUTS, !X.Window[0] + 0.2 * (!X.Window[1]-!X.Window[0]), $  
        !Y.Window[1] - 0.2 * (!Y.Window[1]-!Y.Window[0]), $  
        'This is text', /Normal  
ENDFOR  
!P.Multi=0  
END
```

Cheers,

David

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