
Subject: Re: getting ytitle to span many plots

Posted by [David Fanning](#) on Sun, 12 Feb 2006 15:51:55 GMT

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Ben Panter writes:

```
> Although the best solution is almost certainly to directly specify
> POSITION keywords for the plots (with a /NOERASE for the second), then
> XYOUTS as David suggests, you might have a go at padding the ytitle of
> one of the plots with spaces. It's a rough and ready, clunky solution,
> but it might just work.
>
> y_tit='          y'
>
> !p.multi=[0,1,2]
> plot, datax1, datay1, xtitle='x1'
> plot, datax2, datay2, xtitle='x2', ytitle=y_tit
```

Oh, dear. I think it is time for an intervention. Here, I came up with this in less than a minute:

```
!P.MULTI=[0,1,2]
Plot, Findgen(101), YTITLE="", XTitle='Stuff'
ytop = !Y.Window[0]
Plot, Findgen(10), YTITLE="", XTitle='More Stuff'
ybot = !Y.Window[1]
XYOuts, !X.Window[0]-0.05, (ytop-ybot)/2 + ybot, $
  'The Y Title', Alignment=0.5, Orientation=90, /Normal
!P.MULTI=0
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
