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Subject: getting ytitle to span many plots  
Posted by [Brigette Hesman](#) on Fri, 10 Feb 2006 22:48:47 GMT  
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Hi,

I am trying to plot 2 plots on one page vertically. Each has a different x-axis but they all have identical y-axis. Currently it looks like:

```
Y |  
T |      PLOT  
i |  
t |      1  
l |  
e |_____  
      XTITLE1
```

```
Y |  
T |      PLOT  
i |  
t |      2  
l |  
e |_____  
      XTITLE2
```

But I want it to look like:

```
Y |  
  |      PLOT  
  |      1  
T |_____  
I |      XTITLE1  
T |  
L |  
E |      PLOT  
  |      2  
  |_____  
      XTITLE2
```

I have tried the MULTIPLOT program listed here but it requires that there be no labelling of the two x-axis... I need to be able to label the x-axis separately. It is just the y-axis title that I want to

change. I want it to be centered between the two plots so it does not get duplicated twice. Does anyone have any ideas?

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Subject: Re: getting ytitle to span many plots  
Posted by [David Fanning](#) on Mon, 13 Feb 2006 15:57:14 GMT  
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Brigette Hesman writes:

```
> David Fanning wrote:
>
>> !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
>>
>
> Thanks David... it works perfectly!
```

Well, it is certainly not as elegant as writing the title out by hand and re-scanning, but it will do in a pinch. :-)

Cheers,

David

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David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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