
Subject: Re: Span a graph across 2 spaces in a !P.MULTI environment?

Posted by [David Fanning](#) on Fri, 20 Mar 2009 04:10:55 GMT

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stefan5465@hotmail.com writes:

> I was wondering if its possible to make a graph fill two 'slots' in a !
> P.MULTI window...
>
> I have a 4x4 plotting window, and only the first 3 filled in (1st top
> left, 2nd top right, 3rd bottom left). Is it possible for me to extend
> the second graph so that it fills both of space 2 and 4 ?

Pretty much anyone who has taken one of my IDL
classes can solve this problem. Let's see if I
can get it right. :-)

```
!P.Multi=[0,2,2]  
Plot, findgen(11)  
!P.Multi[0]=2  
Plot, findgen(11)  
!P.Multi=[1,2,1]  
Plot, findgen(11)  
!P.Multi = 0
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Span a graph across 2 spaces in a !P.MULTI environment?

Posted by [stefan5465](#) on Fri, 20 Mar 2009 17:46:32 GMT

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On Mar 20, 4:10 am, David Fanning <n...@dfanning.com> wrote:

> stefan5...@hotmail.com writes:
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Hi David,

Thanks for the response... Just so I understand the code, does it basically say:

Set up a 2x2 window.
Plot in the top left.
Go to the bottom left.
Plot in the bottom left.
Go to top right, make top right a 2x1 environment.
Plot top right (and consequently, down to bottom right).
(Not sure what P.Multi=0 does)...

Not too sure how to incorporate this into my code, as the plot command for the plot currently occupying the top right (the one I want to stretch down) comes before the plot command to the bottom left.

Swapping the two around isn't possible, due their content, and I presume if I go to P.Multi[0]=1 (=top right?) and set up a one column, two row environment, a subsequent call to P.Multi[0]=2 (=bottom left?) will no longer place it in the bottom left, as defined by the original P.Multi=[0,2,2] set up.

Not sure if that makes any sense to anyone but me! lol.

Subject: Re: Span a graph across 2 spaces in a !P.MULTI environment?

Posted by [stefan5465](#) on Fri, 20 Mar 2009 17:54:34 GMT

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Actually never mind!

Figured it out:

Need to go with:

!P.MULTI = [0,2,2,0,0] Before plot 1

!P.Multi=[1,2,1] Before plot 2

!P.Multi=[0,2,2]

!P.Multi[0]=2 Before plot 3
