
Subject: Re: !p.multi and tv

Posted by [Martin Schultz](#) on Thu, 28 May 1998 07:00:00 GMT

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David Fanning wrote:

[...]

example code:

```
< [...]  
> !P.Multi = multi  
> !X.OMargin = [2, 2]  
> !Y.OMargin = [2, 2]  
> FOR j=0, multi[1]*multi[2]-1 DO BEGIN  
>   Plot, Findgen(11), Color=!P.Background  
>   x1 = !X.Region[0] + 0.05  
>   x2 = !X.Region[1] - 0.05  
>   y1 = !Y.Region[0] + 0.05  
>   y2 = !Y.Region[1] - 0.05  
>   TVImage, image, Position=[x1, y1, x2, y2]  
>   Plot, Findgen(11), position=[x1, y1, x2, y2], xticklen=-0.02, $  
>     yticklen=-0.02, xtitle='latitude', ytitle='longitude', $  
>     /nodata, /noerase  
> ENDFOR  
> END  
>
```

And this works ?? You amaze me, David! Have they changed this? Here is what the online help of IDL 5.02 says:

OMARGIN

A 2-element array specifying the "outer" margin on the left (bottom) and right (top) sides of a multi-plot window, in units of character size. A multi-plot window is created by setting the !P.MULTI system variable field. OMARGIN controls the amount of space around the entire plot area, including individual plot margins set with !X.MARGIN and !Y.MARGIN.

[...]

Setting !P.POSITION, or specification of the POSITION parameter overrides the effect of this field.

^^^

Regards,
Martin.

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