
Subject: Re: !p.multi question: margin possible at top of page?

Posted by [schmitt](#) on Fri, 18 Mar 1994 19:11:45 GMT

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> I am trying to find out if anyone has successfully been able to create a
> margin at the top of a page while !p.multi is being used.

There's one way of doing this, if two conditions are satisfied:

1.) You're only worried about output in postscript form.

2.) You don't mind a KLUGE.

It takes advantage of the (surmised) fact that the margins IDL uses for postscript output are a bit sloppy, and there's room at the top above all of the plots.

The kluge:

After plotting all of the needed plots on a page with !p.multi, execute this bit of code to put a title contained in the string title\$ above the page

...

```
pmh = !p.multi
```

```
!noeras=1
```

```
!p.multi=0; reset plots/page
```

```
xyouts,0.,1.,title$,/norm
```

```
!noeras=0
```

```
!p.multi=pmh
```

...

(I don't even know if !noeras is a recommended system variable anymore, it may not even be needed.)

This essentially redefines the page as a single plot (1 plot/page), and puts the text string at the (normalized) position x=0, y=1. Since this is the position of the LOWER left hand corner of the text string, the string is plotted above the page. Using this with a tektronix terminal emulator gives just the bottom edge of the text over the plots, but it appears to print fine with postscript output (landscape, at least).

YMMV. ONVWPBL.

Obviously, it would really be handy for IDL to have an internal way of doing it, and I strongly urge RSI to put this feature in. Right after they fix the bugs in contour.

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