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

Posted by [zawodny](#) on Fri, 18 Mar 1994 12:35:34 GMT

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In article <2mc3vIINNa2v@i32.sma.ch> stl@sma.ch (Stephen Strebel) writes:
>

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

I and a number of fellow workers here have sought a solution to this problem as well. There is a brute force way of creating margins by changing the values in !y.margin as your plotting proceeds row by row, but this is very tedious and very much trial by error. Another way is to use an entire row or column of plots as a blank region by having !p.multi start the first plot in the second row. I have not tried this, but if there was a way to fool IDL into thinking that the paper (or window) was larger than it actually was you could have some control over how much of the first row of plots was actually visible.

What I would propose as an ultimate solution to the folks at RSI is to utilize the values in !p.position as a window in which !p.multi takes effect. As it is now if !p.multi is non-zero then !p.position is ignored (at least this was true a while back and I have not tested it recently). Placement and sizing of the individual plots could still be controlled by !x(y).margin. An example of why we would like to do this would be to place a color bar at the bottom (or side) of a multi panel image.

As it is now, there is not an easy (natural) way to get around these limitations (that I know of).

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