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Subject: Re: bad axis label day

Posted by [Rachel Howe](#) on Fri, 14 Apr 2000 07:00:00 GMT

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Mark Fardal wrote:

>  
> Hi,  
>  
> I liked Liam's trick for respacing the axis labels. (Would  
> crossreference it here, but I'm gnus-impaired.) And I thought I could  
> use it already. But it doesn't seem to work for the particular case I  
> need, which is the top X axis label.  
>  
> Should this be considered a bug? Is there a trick to push the axis  
> label up rather than down?  
>  
> plot, findgen(100), position=[0.2, 0.2, 0.8, 0.8], /norm, xstyle=8, ystyle=8, \$  
> xtitle='X axis title: one!Ctwo!Cthree', \$  
> ytitle='Y axis title: one!Ctwo!Cthree'  
> axis, /xaxis, xrange=[0,1], xtitle='X axis title: one!Ctwo!Cthree'  
> axis, /yaxis, yrange=[0,1], ytitle='Y axis title: one!Ctwo!Cthree'  
>  
> This behavior is not there to protect the plot title, because that  
> overwrites the axis label as it is.  
>  
> Mark Fardal  
> UMass

Hi Mark,

As far as I can tell, the only way to move x-axis labels (either top or bottom axis) \*up\* the page is to use !a, which moves them up about half a line, but only works once in a line -- you can't apply it repeatedly to move more steps. The trailing !C trick works for the plot title (but not subtitle) and the left (but not right!) y axis; preceding !C seems to work everywhere, but that isn't always the direction you want to go.

You might be able to get more pleasing results by fiddling with the margins (which are measured in character units) or the POSITION keyword (which is measured in fractions of the window size), but that has its own pitfalls and frustrations.

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