
Subject: Re: xyouts with p.multi

Posted by [Wayne Landsman](#) on Fri, 25 May 2001 07:19:19 GMT

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> I'm not sure why you would have expected that,
> since I've never heard "normalized" defined by anyone
> with respect to what is *in* a window.

Well, the reason I keep running into the problem is that if you just have a single window, the distinction between the plot window and the device area is unimportant. Typically, I will have made, say two plotting programs 'makeplot1.pro' and 'makeplot2.pro' and they will each work fine, using, say, XYOUTS,0.2,0.8,'Text',/normal internally. I will later decide that I want to put both plots on a single page, and so I naively write

```
!p.multi = [0,0,2]  
makeplot1  
makeplot2
```

and the positioning of the XYOUTS output is completely screwed up. Now I can compute the correct positioning using !X.window and /NORMAL coordinates as David suggested, or using !X.CRANGE and /DATA coordinates as Liam suggested. But it does seem to eliminate most of the advantages of having access to /Normal coordinates.

--Wayne
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