
Subject: Bug in XYOUTS?

Posted by [kashyap](#) on Fri, 27 Nov 1998 08:00:00 GMT

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Anyone know why XYOUTS "wraps" back? Why does it place labels on the plot area even though the specified locations are way outside the view area?

Here is an example of what I mean..

```
xr=[99.9,100.1] & yr=[-20,20] ;define the plotting area
x=findgen(1000)*0.1+100. ;points at which to mark labels
;(expect only 2 within defined area)
y=randomn(seed,1000)*5. ;y-locations, staggered for readability
l=strtrim(x,2) ;labels, same as x-positions
plot,[0],xrang=xr,yrang=yr ;set up plotting area
xyouts,x,y,l ;plot the labels
```

the actual numbers that show up on the viewing area appear to depend on the size of the window and XRANGE. Sometimes there are also horizontal lines running across the window.

this does not happen if one sets plotting device to 'ps'

thanks to Jim Petreshock, I do have a workaround (use keyword NOCLIP=0 for XYOUTS), but this feature is so strange that I would like to know the explanation, if anyone knows it!

I am using IDL4 and IDL5.1 on Solaris 2.5 .

Thanks,
Vinay

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