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Subject: Re: POLYFILL erases my tick values - solution?  
Posted by [Craig Markwardt](#) on Fri, 22 Sep 2000 07:00:00 GMT  
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Andrew <noymer@my-deja.com> writes:

> Dear c.l.i-p,  
>  
> I am using POLYFILL to shade various regions of an X-Y plot different  
> shades of grey. I use PLOT (with /nodata) to draw the axes, then I  
> use PLOTS to draw a bunch of lines, etc. (In this case, I'm making a  
> simple diagram, not really plotting data, but the question is pretty  
> general.)  
>  
> I'm making PostScript output so I am limited to solid colors  
> as opposed to patterns (is there a good reason for that???), but  
> so far that's not my real problem.  
>  
> The problem is that POLYFILL seems to obliterate everything in  
> its path, including axis tick values. For the lines I draw, there is  
> an easy solution: I just shade first, then draw. But I am working with  
> \DATA coordinates, so I'm quite sure (???) I have to PLOT before I can  
> POLYFILL, hence the problem that the tick values are over-shaded.  
>  
> Even the RSI "Using IDL" manual, 1998 paper version, p. 190,  
> shows a (very ugly!) example of shading that erases tick values.  
>  
> The best solution I have found is to use the AXIS procedure  
> after POLYFILL, to re-draw the axis.  
>  
> IS THIS THE BEST SOLUTION?

Yes, this is what I do.

In the end I decided it's not so bad. :-)

Craig

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Craig B. Markwardt, Ph.D.      EMAIL: [craigmnet@cow.physics.wisc.edu](mailto:craigmnet@cow.physics.wisc.edu)  
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