Subject: Re: COLOR BAR

Posted by mark_cadwell on Tue, 26 Jul 1994 17:20:34 GMT

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In article <312i3o$o98@news.service.uci.edu>, vshvetsk@fourier.oac.uci.edu
(Victor Shvetsky) wrote:

>
> I was wondering if anyone has a routine for widgets that would plot a nice
> color bar AND put some value on it. I can create a color bar, but I am not able to put text on it
NICELY, unless I use XYOUTS.
> any suggestions would be greatly appreciated.

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   I made a routine that created a color coded legend (a color bar) that
went along with a contour plot. I did it by defining a new bar-shaped
drawing window, using the plot function to draw rectangular areas within
the drawing window, and using polyfill to fill in the areas with their
respective colors. Finally, I used xyouts to write text and/or numeric
data into each color area. The text color was defined as either black or
white, depending on which color would contrast best with the color in the
individual rectangular areas.
   Drawing the areas and the text fields was a simple matter of setting up
a loop with changing y values (my color bar was vertical).
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