Subject: Re: /NORM with OPLOT and other thoughts
Posted by toma on Mon, 17 Aug 1992 11:17:55 GMT

In article <16AUG199217070886@stars.gsfc.nasa.gov> landsman@stars.gsfc.nasa.gov (Wayne Landsman (301)-286-3625) writes:
>
>   I am trying to write the annotation on a plot, which explains the
> meaning of each of the PSYM symbols I used.   When writing annotation
> I like to use normalized coordinates.   But, as far as I can tell, the
> /NORMAL (and /DEVICE) keywords are ignored by OPLOT.

>   What would be really nice would be if I could write the PSYM characters
> with XYOUTS, so that I could write my annotation with a single line.

I think that the PLOTS procedure will do what you want.
You can also use it to draw linestyles on the legend.

Example:

```
; If this is a line plot
;    Draw linestyle on legend
; Endif else
;    Draw symbol on legend
; Endelse

if jsym eq 0 then begin
   plots, [xoff+xl,xoff+xr], [ypt,ypt], linestyle=jlin, color=jcol
endif else begin
   plots, xoff+xl+xseg*0.22, ypt, psym=jsym, symsiz=sym_size, color=jcol
endelse
```

[This code uses DATA coordinates; I've never tried NORMAL.]

It would be nice if there were a system routine for drawing legends,
though.