Subject: Re: legend not working with symcat
Posted by wlandsman on Wed, 04 Nov 2009 19:28:38 GMT

View Forum Message <> Reply to Message

On Nov 4, 9:21 am, maurya <ramaury...@gmail.com> wrote:
> I changed the "legend.pro" as you have suggested. Now, it is working
> for n<=10 only. For larger values of n>10 it is giving following
> error:
>
> PLOTS: PSYM (plotting symbol) out of range

I suspect that it works for n>10 but is failing for n=10. That is
because the IDL definition of PSYM=10 (which SYMCAT() follows) does
not really define a symbol, but tells IDL to plot in histogram mode.
It *cannot* be used with PLOTS, e.g.

IDL> plot,indgen(10),indgen(10)
IDL> plots,5,5,psym=symcat(10)
% PLOTS: PSYM (plotting symbol) out of range

So it is probably best to not use PSYM=10.   (What symbol should one
use in a legend to distinguish a line draw in histogram mode, versus
one connecting the points?)

--Wayne