Subject: Re: Has USERSYM been defined?
Posted by Mark Hadfield on Tue, 05 Mar 2002 20:47:30 GMT

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"David Fanning" <david@dfanning.com> wrote in message
news:MPG.16eebb31cf80510798982f@news.frii.com...
> Wayne Landsman (landsman@mpb.gsfc.nasa.gov) writes:
>
>> Is there any way to determine if a user-defined plotting symbol has
>> been created using USERSYM for plotting with PSYM=8? (I suppose it
>> might also be nice if one could determine what the user-defined
>> symbol actually is, i.e. fetch the X,Y vectors that were input to
>> USERSYM, but I don't need that now.)
>>
>> I want to have my plotting program use the current USERSYM
>> definition for PSYM=8 if it exists, but to create a default symbol
>> if no current USERSYM definition exists.
>
> My impression is that the whole USERSYM business is a hold-over from
> the way graphics were done in the 70's.

Indeed.

> I'd bet a lot of money the answer is "no". (Or, even more likely,
> "hell no".)

How much money, David?

How about plotting a test dataset inside a CATCH handler and trapping
the error? Attempting to display a user symbol that is not yet defined
results (in IDL 5.5) in an error with name 'IDL_M_PLOT_NOUSERSYM'

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