
Subject: Re: usersym keywords -- why?

Posted by [R.Bauer](#) on Tue, 11 Nov 2008 08:57:59 GMT

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David Fanning schrieb:

> Christopher Thom writes:

>

>> Debugging some code today, I discovered what I would consider to be
>> strange behaviour. Although...maybe this is a "feature". Consider the
>> following:

>>

>> usersym, [-1, 0, 1, -1], [1, -1, 1, 1], thick = 20

>> plot, findgen(10), ps=8, thick = 2

>>

>> Is there any reason why usersym accepts thickness and color keywords? And,
>> more importantly, why the keywords passed to plot/oplot don't over-ride
>> them?

>>

>> I was using some symbols from the awesome symcat() library [thanks david!]
>> when I discovered this. The only workaround I could come up with was to
>> extend symcat() to accept and pass _extra keywords to usersym...which now
>> gives me the even more confusing:

>>

>> plot, findgen(10), ps = symcat(11, thick = 20), thick = 2

>>

>> If anyone can see a sane or (better!) elegant solution to the thickness
>> madness I've been having all afternoon, I'd love to hear of it.

>

> I can't really make out what you think the problem is.

> I think IDL is doing exactly the right and expected thing

> here: if I make a user symbol, I don't want someone outside

> messing around with it.

>

> Why did you have to extend SYMCAT? It already takes the THICK
> keyword.

>

> Cheers,

>

> David

>

Just a quick question why isn't it passed by _EXTRA ?

Reimar
