
Subject: Re: creating own symbols for plot
Posted by [David Fanning](#) on Sat, 06 Mar 2004 17:31:13 GMT
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Klemens Barfus writes:

- > I want to create own symbols for the plots with the usersym-command.
- > When I want to create a square to plot, I have to know the ratio between
- > x- and y-axis, when it is not isotropic.
- > Is there a way to get this ratio or do I have to specify this plot for
- > example with the position keyword and get the ratio from the values for
- > this keyword and the size of the page ?

I don't think this is true. The "dimensions" of the symbol in UserSym are isotropic, and the symbol is placed on the plot in device units. So a square is a square is a square, no matter what size window you are using, or what the ranges of the axes are.

You can have a look at MPI_PLOT if you like to confirm this:

http://www.dfanning.com/programs/mpi_plot.zip

There are any number of symbols there, including open and filled squares, and they always appear the same.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: creating own symbols for plot
Posted by [Klemens Barfus](#) on Sat, 06 Mar 2004 17:59:14 GMT
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Thanks David !
You are right - I should have tried it before.

Cheers,

Klemens

David Fanning wrote:

> Klemens Barfus writes:
>
>
>
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>
> David

Subject: Re: creating own symbols for plot
Posted by [R.Bauer](#) on Mon, 08 Mar 2004 08:23:11 GMT
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Klemens Barfus wrote:
> Hello together,
> I want to create own symbols for the plots with the usersym-command.
> When I want to create a square to plot, I have to know the ratio between
> x- and y-axis, when it is not isotropic.
> Is there a way to get this ratio or do I have to specify this plot for
> example with the position keyword and get the ratio from the values for
> this keyword and the size of the page ?
>
> Thanks for your help in advance !
>
> Klemens
>

Dear Klemens

you could try our x_digisym routine.

This is a widget which could be used to draw a usersign. The data is stored as idl procedure with an example.

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/x_digisym_dbase.pro.html

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

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