Subject: Re: creating own symbols for plot Posted by David Fanning on Sat, 06 Mar 2004 17:31:13 GMT View Forum Message <> Reply to Message

## 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 View Forum Message <> Reply to Message

Thanks David!

You are right - I should have tried it before.

Cheers,

Klemens

David Fanning wrote:

```
> Klemens Barfus writes:
>
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  There are any number of symbols there, including open and filled
  squares, and they always appear the same.
>
 Cheers,
> David
```

Subject: Re: creating own symbols for plot Posted by R.Bauer on Mon, 08 Mar 2004 08:23:11 GMT View Forum Message <> Reply to Message

## 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\_digigisym 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

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a IDL library at ForschungsZentrum Juelich http://www.fz-juelich.de/icg/icg-i/idl\_icglib/idl\_lib\_intro. html