
Subject: Re: plot in draw widget
Posted by [davidf](#) on Sun, 19 Oct 1997 07:00:00 GMT
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R. Bauer writes:

> Here is another problem I have with my draw_widget,
>
> If I use different sizes of a draw widget each thing of the plot will be
> scaled whithout the plotsymbol.
>
> What can I do to get resizeable plotsymbols, in this case I don't like
> to use symsize.

Unless you are using the new object graphics (which gives you symbol and text scaling for free), I don't think you have any choice but to use the SymSize keyword to change the symbol size in resizeable graphics windows.

But calculating the proper symbol (and text) size for resizeable graphics windows is made easier by using the STR_SIZE function from my web page. This function calculates the proper character and symbol size to keep characters in proportion as the window changes size. For example, you can use it like this:

```
Window, XSize=300, YSize=300  
niceSize = Str_Size('This is a standard string', 0.35)  
Plot, Findgen(11), Charsize=niceSize, PSym=4, Symsize=niceSize
```

```
Window, XSize=500, YSize=500  
niceSize = Str_Size('This is a standard string', 0.35)  
Plot, Findgen(11), Charsize=niceSize, PSym=4, Symsize=niceSize
```

Cheers,

David

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