
Subject: Re: IDLgrSymbol recompute_dimensions ??
Posted by [David Fanning](#) on Thu, 03 Apr 2008 18:42:13 GMT
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bernat writes:

```
> I do that,  
>  
> plot=OBJ_NEW('IDLgrPlot', SYMBOL=oSymbol)  
>  
> plot->SetProperty, DATAX=datax, DATAY=datay  
> plot->GetProperty, XRange=xrange, YRange=yrange  
>  
> xs=NORMALIZE(xrange, POSITION=[location[0],  
> location[0]+dimensions[0]])  
> ys=NORMALIZE(yrange, POSITION=[location[1],  
> location[1]+dimensions[1]])  
>  
> plot->SetProperty, XCOORD_CONV=xs, YCOORD_CONV=ys  
>  
> Where datax and datay are my values, oSymbol is my IDLgrSymbol and  
> location and dimensions is the position and dimensions of the plot in  
> the View.
```

Oh, right. I don't have time to work on this, but
I see in XPLOT (on my web page), I have had to size
the symbol according to the axes ranges. I've done
something like this:

```
; Size the symbols appropriately for the plot.  
xSymSize = (xrange[1] - xrange[0]) * 0.015 * symSize  
ySymSize = (yrange[1] - yrange[0]) * 0.015 * symSize  
IF Obj_Valid(thisSymbol) THEN $  
    thisSymbol->SetProperty, Size=[xSymSize, ySymSize]
```

If I don't do that, the symbols are completely misshaped.

Cheers,

David

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Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
