Subject: Re: writing to 2 "windows" in idl?
Posted by Eric Deutsch on Thu, 18 Jan 1996 08:00:00 GMT
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Cathy Smith wrote:
>
> Hi- I'd like to write out character strings to a gif imagee and determine
> their lengths (in pixels). I can do this using xyouts and this works for
> most of what I want to do. However, now I would like to find the length
> of a character string BEFORE I write it out. I tried writing out
> in the same color as my image to get the returned length and then writing
> it out again in the color I want. This works except that I cover up some
> lines on my original plot that I don't want covered. Is there a way to
> write to a "fake" device instead?

yes, there is a "Z-buffer" device which is a virtual device that lets you do these sorts of things, but...

> The relevant parts of my code are:
>
> tvlct,/GET,r,g,b
> window, colors=223,xsize=n1,ysize=n2
> etc.....
>
> device,font='-adobe-helvetica-bold-r-normal--10-100-75-75-p- 60-iso8859-1'

you are using an X hardware font here, and it is very unfortunate (but not surprising, I guess) that you cannot use X hardware fonts when using the Z device... As far as I know, the best you can do is use the Hershey fonts (or a bitmapped font solution). Anyone know otherwise??

> xyouts, x+4, y, string, /device,width=namew ,charsize=1.2,color=44
> mmwidth=namew*n1
> xyouts, x-mmwidth-4, y, string, /device, width=namew ,charsize=1.2,color=222

However, if I understand your coding here, it looks to me like you're trying to right-justify some text. IDL provides a nice facility for this with the xyouts ,ALIGN=1 keyword; and you can use ,ALIGN=0.5 to center text about the specified X,Y coordinates.

Hope this helps..

Eric

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