Subject: Re: How to get page size for PRINTER device?
Posted by davidf on Wed, 06 Dec 2000 08:00:00 GMT

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Phillip David (phillip_david@xontech.com) writes:

> So let me see if I understand correctly. Are you saying that the
> printable edges of the paper differ between the left and right sides?
> Or perhaps between the top and bottom? If not, why not just calculate
> things to center them on the PRINTABLE page? Wouldn't that also center
> them on the physical page?
>
> Or perhaps I'm just not getting it.

Oh, I hate these public arguments that expose
my ignorance. :-(

Yes, I think you are right. Here is a program that
will center a square plot on the printer page:

```
PRO center_plot
xsize = 10
ysize = 10
thisDevice = !D.Name
Set_Plot, 'Printer'
Device, Get_Page_Size=pseudoPageSize
xprintArea = pseudoPageSize[0] / !D.X_PX_CM
yprintArea = pseudoPageSize[1] / !D.Y_PX_CM
xoff = (xprintArea - xsize) / 2.0
yoff = (yprintArea - ysize) / 2.0
Device, XSize=xsize, YSize=ysize, XOffset=xoff, YOffset=yoff
PlotS, [0,1,1,0, 0], [0, 0, 1, 1,0], /Normal
Device, /Close_Document
Set_Plot, thisDevice
END
```

Sheesh. Back to the programming grind...

Cheers,

David

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