

Subject: Sizing Postscript output  
Posted by [kaplan](#) on Thu, 27 Aug 1992 12:51:34 GMT  
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I need a reliable way to make WYSIWYG X-window plots of what will eventually be postscript driven paper output. The basic problem seems to be controlling the relationship between font size and plot size.

Currently, in order to make postscript output of PV-WAVE graphs, I have been opening a postscript device as follows:

```
set_plot,'ps'  
device,filename='graph.ps',xsize=6.0,ysize=6.0,/inches,yoffset=2,xoffset=+1
```

and then I resume plotting to the screen something like this:

```
device,/close
set_plot,'X'
window,0,xsize=500,ysize=500
```

For different plots, I play with the obvious parameters in the device line.

Does anyone know a formula relating X-window pixel sizes to postscript sizes. Something which requires me to measure my X-window pixels before beginning would be just fine.

Many thanks,

Peter (kaplan@sol1.lrsm.upenn.edu)

Subject: Re: Sizing Postscript output  
Posted by [zawodny](#) on Fri, 28 Aug 1992 12:09:26 GMT  
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I think that we have all run into this problem. I have found that setting the aspect ratios (ratio of height to width) of the postscript region and the window the same helps alot. There is still a small problem of the fonts not being the same size between X-windows and Postscript. This is just a hint at getting nearer to a WYSIWYG result. Hope that you have better luck than I did, I settled for a WYSICTWYWG (What You See Is Close To What You Will Get).

Good Luck

\* \* \* \* \*

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