
Subject: Re: printing to postscript with PV_WAVE
Posted by [laa](#) on Thu, 08 Apr 1993 16:44:41 GMT
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In article <1993Mar31.172224.21830@acuson.com>, worth@acuson.com (Douglas Worth) wrote:

>
> Does anyone know of an easy way to print the plot that you have
> on your X-display? I know how to plot to Postscript, but my real
> problem is those times when you work on adding little things to
> plots and then want a hard copy and there is no way to just
> zap what is already on the screen. Any help would be appreciated.
>

A couple of responses followed this posting. Here's my two bits:

Bill Thompson suggested using TVRD to read the image off the Wave-generated X-Window, and then plotting the image to a Postscript file. Unfortunately, this closes the X server connection, and any other Wave windows with it.

Rolf Diehl suggested using xwd, xpr and lp. This is a more general approach, and has the advantage of being able to dump non-Wave windows as well. Unfortunately, xpr is limited to at best a 4x4 dither representation of color to a monochrome printer. It won't deal with color PS printers. Also, I have been unable to render large windows, either by spreading them across printed pages (-split n), or by scaling them (-scale n).

I've been looking at other alternatives, too. I've considered a variant of Bill's method which would use DC_WRITE_TIFF instead of switching to postscript. Then the tiff-printer (perhaps from Sam Loeffer's stuff?) could be spawned. Again, this would require some contortions to print a non-Wave window.

I guess the ideal solution would be to find a xwd-format to PostScript-format converter. This would be similar to Rolf's solution, but would avoid the weaknesses of xpr.

Does anyone know of such a utility?

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