
Subject: Re: printing to postscript with PV_WAVE
Posted by [thompson](#) on Thu, 01 Apr 1993 15:04:46 GMT
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worth@acuson.com (Douglas Worth) writes:

> 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.

The following will do the trick.

```
IMAGE = TVRD(0,0,ID.X_SIZE,ID.Y_SIZE) ;Read window as image
TVLCT,RED,GREEN,BLUE,/GET ;Get color table
SET_PLOT,'PS' ;Select PostScript
;
; Most color PostScript printers don't seem to be able to plot all the way to the
; edge. Therefore, I make the area available for use by IDL somewhat smaller
; in the long dimension of the paper. The following shows the settings I use
; for landscape and portrait modes.
;
DEVICE, /LANDSCAPE, /COLOR, /INCHES, YOFFSET=9.75, XSIZE=8.5, BITS_PER_PIXEL=8
;
; or
;
;DEVICE, /PORTRAIT, /COLOR, /INCHES, XOFFSET=0.75, YOFFSET=1.25, $
; XSIZE=7.0, YSIZE=8.5, BITS_PER_PIXEL=8
;
TVLCT,RED,GREEN,BLUE ;Load color table
TV,IMAGE ;Display image of window
SET_PLOT,'X' ;Return to X-windows
```

You might want to play with the offset and size parameters to suit yourself.

Bill Thompson
