laa@lanl.gov (Lee Ankeny) writes:

> 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.

Funny, this doesn't happen in IDL, not even when called from inside a widget.

For the record, this is the method I use in IDL.

```
 IMAGE = TVRD(0,0,!D.X_SIZE,!D.Y_SIZE) ;Read window into an array
 TVLCT, RED, GREEN, BLUE, /GET  ;Get current color tables
 SET_PLOT, 'PS'   ;Use PostScript device
 TVLCT, RED, GREEN, BLUE   ;Load color tables
 TV, IMAGE    ;Display image of window
 SET_PLOT, 'X'    ;Go back to X-windows
```

Note: Because most color printers seem to cut off the top and bottom portions
of the page, I usually use the following DEVICE statement for landscape
orientation.

```
 DEVICE, /LANDSCAPE, /COLOR, /INCHES, YOFFSET=9.75, XSIZE=8.5, $
  BITS_PER_PIXEL=8, FILENAME=...
```

Bill Thompson