
Subject: Re: Postscript dump to a Laserwriter
Posted by [scowen](#) on Sun, 20 Dec 1992 21:55:52 GMT
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In article <18DEC199217302565@stars.gsfc.nasa.gov>, thompson@stars.gsfc.nasa.gov (William Thompson, code 682.1, x2040) writes:

|> >|> You can do a dump of a window with exactly the same colors that appear on the
|> >|> screen by using TVLCT,/GET to get the current (stretched) color table. For
|> >|> example,

|> >|>
|> >|> IMAGE = TVRD(0,0,!D.X_SIZE,!D.Y_SIZE)
|> >|> TVLCT,RED,GREEN,BLUE,/GET
|> >|> SET_PLOT,'PS'
|> >|> TV, IMAGE !Note: Not TVSCL
|> >|> TVLCT,RED,GREEN,BLUE
|> >|> SET_PLOT,'X'

|> >
|> >Unfortunately, Bill, this does *not* work. I've just tried it several times,
|> >with several different stretches, and the resulting PS file looks exactly
|> >the same for all versions. It uses the default setting of b/w linear in the
|> >4bit mode, which is of no use to me. This is my whole point.

|>
|> This may be because I left out the following command:

|>
|> DEVICE,/COLOR,BITS_PER_PIXEL=8

|>
|> which is crucial. Sorry about that. (I also forgot the DEVICE,/CLOSE at the
|> end.)

yes, well, this was the original problem, too. Laserwriters cannot read PS that has the COLORTAB entry added by /color, I was trying to do this using 8bit with color turned off. Anyway, it's academic now, since if you use the conversion I put in my previous post you can get a decent b/w version of a rolled colortable from r,g,b and that does what I need.

Since the problems I was having have been essentially solved, I'm dropping this line of discussion, since there will probably be other more complex issues that i will run into over the next 2-3 weeks. Thanks again to all who contributed, particularly Bill.

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