
Subject: Re: Color Postscript from Object Graphics.
Posted by [davidf](#) on Fri, 19 Jun 1998 07:00:00 GMT
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Terry Figel (terry@cse.ucsc.edu) writes:

> I think I am missing something Fundamental:
> How do I produce color postscript from Object graphics?
> I am doing something like this:
> sState.myprinter->Draw,sState.oView
> sState.myprinter->newdocument
> I did a myprinter->GetProperty for color_model, and
> it returns 0 (RGB) default. It should then produce PS that
> has the same colors as the Screen output right?

I just tried this:

(1) Installed a color PostScript printer device on my machine. I chose, since I don't have one really, the HP Color LaserJet PS 5 driver.

(2) Created a printer object:

```
thisPrinter = Obj_New('IDLgrPrinter')
```

(3) Looked at the dialog that allows me to select the printer properties:

```
ok = Dialog_PrinterSetup(thisPrinter)
```

Among the properties in the dialog is a droplist to select one of the printers I have installed. I select the HP Color LaserJet and the dialog now shows a toggle to switch between grayscale and color (color was set by default, which I fully expected). Now, all I have to do is click OK and call the draw method on the printer.

```
thisPrinter->Draw, thisView
```

I just tried my XPlot program. Under the File menu I selected Print Setup. I chose to make a color Adobe Acrobat color file, so I selected that printer driver. (The HP Color LaserJet doesn't have a toggle for sending the output to a file, although some of the printers I use do.) Set it up for color output, clicked OK, and presto (well, p-r-e-s-t-o) there was the color output, just as I expected.

Interestingly, I tried to make a Xerox DocuTech 135 PS2 color

PostScript file (this driver dialog allows me to write to a file), and although the printer code is executed in exactly the same way as the Acrobat file is above, the file never gets any output written to it. I don't know what to make of this. This happened no matter if I was trying to write color or grayscale output. Perhaps the DocuTech doesn't know how to handle this kind of graphics output. I'll look into it.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
