
Subject: Re: no grayscale on PCL printer

Posted by [David Fanning](#) on Wed, 13 Jul 2005 17:08:46 GMT

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Benjamin Hornberger writes:

> I have the following problem: I am using the PRINTER device to print a
> byte image in index-color mode. On my computer (Win XP), I have my
> office printer (HP Laserjet 4000N) installed twice, once with a PS
> driver, once with a PCL driver. If I choose the PS driver
> (dialog_printersetup()), the image comes out fine, if I choose the PCL
> driver, it comes out in pure black-and-white (no grayscales). If I want
> to print the image with a predefined colortable, it's still ok with the
> PS driver (even though it comes out in grayscale, since it's not a color
> printer), and with the PCL driver the whole image is black.

>

> The two drivers behave slightly differently in other applications, but
> not like that.

>

> To set up the printer, I do:

>

```
> [make sure the correct color table is loaded]
> ok = dialog_printersetup(dialog_parent=event.top)
> IF ~ok THEN return
> set_plot, 'printer', /copy
> !p.font = 1 ;; true type
> !p.noerase = 1
> device, /index_color
> ...
```

>

> Any clues? Thanks for your help,

I don't know anything about PCL printers, but I would try setting the slightly misnamed COLOR keyword. I think the keyword should really be COLOR_OR_GRAYSCALE_OR_WHATEVER, but that's another story. :-)

Cheers,

David

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