
Subject: Re: switching PS device from color to b/w?

Posted by nobody@nowhere.com (S on Mon, 24 Jun 2002 17:19:38 GMT

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I did try it, and it works, thanks again David :) ! However, it doesn't seem documented well in my docs (5.2 Linux). I've used `bits_per_pixel` to increase the color resolution, but never to reduce it. I tried `bits_per_pixel=1`, and it's not equivalent to `color=0`, I still get color output in my PS files. I actually am reading a true color image (3 channels) and I want to convert it to greyscale when I write a postscript output. I can specify the size of the page precisely in idl, so I've a routine to read images and write them to postscript files with a specific size (no surrounding blank or white space), which most of my other apps don't allow this freedom (they have fixed page sizes). I don't know of a better way to do it, but I just found that once you've given the `/color` directive to idl, it retains it, I needed a way to reset the ps device to it's original state, which by default is black and white. `device, color=0` will do it, `device, /color, bits_per_pixel=1` doesn't. So they can't be equivalent in practice, in theory it sounds like they should be. Maybe David can explain why they're in not in practice?

On Mon, 24 Jun 2002 10:24:28 -0600, Ken Mankoff
<mankoff@I.HATE.SPAM.cs.colorado.edu> wrote: >

>

> On Sun, 23 Jun 2002, David Fanning wrote:

>> Steve Smith<steven_smith> (nobody@nowhere.com) writes:

>>

>>> Once I write a color image to the ps device (using `set_plot`,
>>> 'PS'), I cannot get the idl session to re-set to b/w, is there
>>> such a command? Right now I'm starting a second idl session and
>>> doing all the greyscale work there. Basically, I'd like to send an
>>> option like `/nocolor` to the ps device so it will stop making color
>>> postscript. Is there any such command? I'm using idl 5.2 :(

>>

>> I'd try this:

>>

>> `DEVICE, Color=0`

>>

>

> Hi David,

>

> What is the difference between:

>

> `DEVICE, color=0`

> and

> `DEVICE, /color, bits_per_pixel=1`

>

> Which is more appropriate? Is the only difference for those people who

> argue about black being a color vs. the lack of all colors?

>
> -k.
>
>

--
Steve S.

steve @ NOSPAM sorry i'm tired of spam
remove spaces, NOSPAM and you'll see there is no email address attached :(!
