Subject: Re: switching PS device from color to b/w?
Posted by David Fanning on Wed, 26 Jun 2002 15:06:32 GMT
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Ken Mankoff (mankoff@I.HATE.SPAM.cs.colorado.edu) writes:

> 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?

DEVICE, COLOR=0 turns PostScript color output off. BITS_PER_PIXEL=1
simply stores 1 bit per image pixel in the file every time you
do a TV command. It probably stores the lowest bit, so I imagine
an image would look pretty strange.

With color turned off, however, you can only get black
and white output. If you want gray-scale output, you
have to turn COLOR on and load a gray-scale color table.

And, remember, in PostScript you can have any color background
you want, as long as it is white. But that is a discussion
for another day. :-)

Cheers,

David

P.S. All this PostScript stuff is pretty much taken care
of automatically if you use something like PSCONFIG to
set up your PostScript device:

   http://www.dfanning.com/programs/psconfig.zip

Cheers,

David
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