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Subject: Re: PRINTER device on Linux  
Posted by [KM](#) on Tue, 02 Nov 2004 16:12:15 GMT  
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On Tue, 2 Nov 2004, David Fanning wrote:

> Has anyone gotten the PRINTER device to work on a Linux machine?  
Never tried.

> I got my printer apparently set up and my computer able to send  
> info to the printer. But when I send output (an image), I get the  
> error message:

>  
> %Can't set RGB color on an indexed destination.

What type of image? Some 3-channel RGB I am guessing? That might be  
the problem. Have you tried a bitmap, or an {E}PS?

> A page comes out of the printer, but there is nothing on it. Any  
> ideas on what this might mean? Or, on how I might fix it?  
It sounds like the destination doesn't take RGB data, only indexed  
files. But I haven't dealt with this exact message myself.

-k.

P.S. Who are you, and what have you done with David Fanning? I  
thought you didn't do low-level Linux :) Next, are you going to be  
writing in with emacs IDLWAVE questions?

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Subject: Re: PRINTER device on Linux  
Posted by [David Fanning](#) on Tue, 02 Nov 2004 16:22:43 GMT  
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Ken Mankoff writes:

> P.S. Who are you, and what have you done with David Fanning? I  
> thought you didn't do low-level Linux :) Next, are you going to be  
> writing in with emacs IDLWAVE questions?

Oh, if I started down that path, there would be no end  
of it. :-(

Cheers,

David

P.S. It was a 24-bit image I was trying to print.  
A screen dump from a 24-bit display. TV, image, true=1.  
I'll try an 8-bit image, but that's like stepping

back to the 1970's, isn't it?

--

David W. Fanning, Ph.D.

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

Phone: 970-221-0438, IDL Book Orders: 1-888-461-0155

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Subject: Re: PRINTER device on Linux

Posted by [mperrin+news](#) on Tue, 02 Nov 2004 20:54:43 GMT

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David Fanning <david@dfanning.com> wrote:

> A page comes out of the printer, but there is nothing  
> on it. Any ideas on what this might mean? Or, on  
> how I might fix it?

This is something of a dodge around the problem, but writing a postscript file and then spawning "lp filename" should do the trick. I don't think I've ever encountered a modern Linux box whose printer driver didn't speak Postscript.

- Marshall

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Subject: Re: PRINTER device on Linux

Posted by [David Fanning](#) on Tue, 02 Nov 2004 21:02:53 GMT

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Marshall Perrin writes:

> This is something of a dodge around the problem, but  
> writing a postscript file and then spawning "lp filename"  
> should do the trick. I don't think I've ever encountered  
> a modern Linux box whose printer driver didn't speak Postscript.

No question this is the preferred solution, but the problem I had was with a PrintWindow program that does a quick screen dump and sends it to a printer. I solved the problem by just doing a Color\_Quan on the 24-bit image and loaded the color tables before I Set\_Plot to PRINTER. Works OK, but that PRINTER device is more trouble than it is worth, once again. :-(

Cheers,

David

--

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