
Subject: Re: Configuring XPrinter

Posted by [Spon](#) on Fri, 22 Feb 2008 23:03:21 GMT

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On Feb 22, 2:39 pm, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:

> I am going to make one more try at using the XPrinter printing system.
> I do this every few years whenever I miss the feeling of being intensely
> frustrated.
>
> Let me start with something very simple.
>
> I am running IDL 6.4 on Mac OS X 10.5. To have a clean slate I move my
> .XPrinterDefaults to a new file and start IDL. I create an iTool with
>
> iSurface, DIST(50)
>
> and then select Print from the File menu. The default output is EPSF to
> the file xprinter.eps. I use all the defaults and click OK.
>
> An EPS file (xprinter.eps) appears in my home directory. I open it, and
> unlike the onscreen graphic, it is grayscale. No color.
>
> I would be delighted to get EPS output, but I need color. There is no
> obvious way to turn color on in the Print dialog box.
>
> Is it possible to create color EPSF output? If so, how?
>
> Thanks, Ken Bowman

Ken,

from:

http://en.wikipedia.org/wiki/Encapsulated_PostScript

"... A fourth format known as a EPSI includes an ASCII-encoded preview bitmap. This format allows for black-and-white previews only. It is mainly used on UNIX systems. [...] An EPSI file will contain a line starting %%BeginPreview: in the DSC prolog."

Does your .eps file have this %%BeginPreview: line?

Is it possible that this is what's happening, and that if you imported your EPS file into another PS document the colour would magically reassert itself?

Just a thought,
Chris

Subject: Re: Configuring XPrinter

Posted by [Kenneth P. Bowman](#) on Fri, 22 Feb 2008 23:13:40 GMT

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In article

<dd7b4757-b13f-4f65-8880-f23abde6bf0b@v3g2000hsc.googlegroups.com>,

Spon <christoph.blau@gmail.com> wrote:

>> Is it possible to create color EPSF output? If so, how?

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>> Thanks, Ken Bowman

>

> Ken,

>

> from:

> http://en.wikipedia.org/wiki/Encapsulated_PostScript

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> "... A fourth format known as a EPSI includes an ASCII-encoded preview
> bitmap. This format allows for black-and-white previews only. It is
> mainly used on UNIX systems. [...] An EPSI file will contain a line
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> Does your .eps file have this %%BeginPreview: line?

> Is it possible that this is what's happening, and that if you imported

> your EPS file into another PS document the colour would magically

> reassert itself?

>

> Just a thought,

> Chris

The string 'Preview' does not occur in the file. The header looks like this

```
%!PS-Adobe-3.0 EPSF-3.0
```

```
%%BoundingBox: 18 19 592 774
```

```
%%Creator: Wind/U Xprinter Version 3.3.1 (darwin) (Compile Date: Apr 18  
2006 11:29:00) (bowman)
```

```
%%Title:
```

```
%%CreationDate:Fri Feb 22 08:18:04 2008
```

```
%%DocumentSuppliedResources: (atend)
```

```
%%Pages: (atend)
```

```
%%LanguageLevel: 2
```

```
%%EndComments
```

```
%%BeginProlog
```

There is a large bitmap in the file (or multiple tiles, I don't know enough PS to know).

If I try to use the Postscript file printer instead, I get a Postscript file, but I cannot open it with any other software I own (Adobe Illustrator, pstopdf, etc.)

Ken
