
Subject: Re: PostScript Encapsulation Knowledge
Posted by [Lajos Foldy](#) on Sun, 09 Nov 2014 22:56:42 GMT
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On Saturday, November 8, 2014 6:46:10 PM UTC+1, David Fanning wrote:

> Folks,
>
> I've run into an interesting little problem. I have reason to want to
> know if the current PostScript device configuration is set up to make
> encapsulated PostScript output or not.
>
> I wrote a function that takes the output of the Help, /Device command
> and parses the information contained in that output to discover the
> "mode" of encapsulation. Here is the relevant line of output:
>
> Mode: Portrait, Non-Encapsulated, EPSI Preview Disabled, Color Enabled
>
> The problem is, in IDL 8.3.2 on Windows the encapsulation mode never
> changes!
>
> IDL> Set_Plot, 'PS'
> IDL> Device, /Encapsulated
> IDL> Help, /Device
>
> Available Graphics Devices: CGM HP METAFILE NULL PCL PRINTER PS WIN Z
> Current graphics device: PS
> File: C:\IDL\tester.eps
> Mode: Portrait, Non-Encapsulated, EPSI Preview Disabled, Color Enabled
>
> I've confirmed the PostScript device *creates* an encapsulated
> PostScript file when I configure the device like this. It just never
> tells me it is doing so.
>
> Is this the case in other versions of IDL, too?
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Hi David,

you should check the device after opening the file (= after the first plot command):

```
IDL> set_plot, 'ps'
IDL> device, /encapsulated
IDL> help, /device
  File: <none>
  Mode: Portrait, Non-Encapsulated, EPSI Preview Disabled, Color Disabled
IDL> plot, dist(5)
IDL> help, /device
  File: idl.ps
  Mode: Portrait, Encapsulated, EPSI Preview Disabled, Color Disabled
```

regards,
Lajos
