Subject: Re: PS device

Posted by Richard G. French on Fri, 30 Oct 1998 08:00:00 GMT

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Harald Frey wrote:

>

- > Which system variable (if it exists) contains the information, if the
- > current postscript device is set to portrait/landscape and
- > encapsulated/non-encapsulated? I can see this informastion on the screen
- > with the help,/device command, but how do I get this information into a
- > variable or flag?

>

- > Harald Frey
- > hfrey@ssl.berkeley.edu

I thought it might have been encoded in the !D.FLAGS variable, but this does not change, even when I change the value of /ENCAP and /PORTRAIT. I have wanted to get my hands on this information as well. If it can't be done, we can add it to the wish list for next release!

Dick French

Subject: Re: PS device

Posted by davidf on Fri, 30 Oct 1998 08:00:00 GMT

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Harald Frey (hfrey@ssl.berkeley.edu) writes:

- > Which system variable (if it exists) contains the information, if the
- > current postscript device is set to portrait/landscape and
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- > with the help,/device command, but how do I get this information into a
- > variable or flag?

Well, no system variable is going to help you here. You can, of course, always get the output of the HELP command into a variable using the OUTPUT keyword. In this case the information you want is on the fourth line of the output:

IDL> Set_Plot, 'PS'

IDL> Help, /Device, Output=thisOutput

IDL> Print, thisOutput[3]

Mode: Portrait, Non-Encapsulated, EPSI Preview Disabled, Color Disabled

Now, you *could* look for the string "Portrait" in this string and--failing to find it--conclude that you were in

landscape mode. Or, you could look for the string "Non-Encapsulated" and failing to find it know you were in Encapsulated mode. But RSI would not recommend this course of action, since they reserve the right to change the output of the HELP command at any time.

So what I do is use the PS_FORM program that you can download from my web page. If it is used as below, you can always know exactly how the PostScript device is configured:

```
configuration = PS FORM(/Initialize)
new_config = PS_FORM(Cancel=canceled, Defaults=configuration)
IF NOT canceled THEN BEGIN
 configuration = new_config
 thisDevice = !D.Name
 Set Plot, "PS"
 Device, _Extra=configuration
... your graphic commands here ...
 Device, /Close
 Set Plot, thisDevice
ENDIF
```

Cheers.

David

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Phone: 970-221-0438, Toll-Free Book Orders: 1-888-461-0155 Coyote's Guide to IDL Programming: http://www.dfanning.com/

Note: A copy of this article was e-mailed to the original poster.