Subject: Re: beguinner's question
Posted by William Daffer on Tue, 26 Dec 2000 17:10:18 GMT
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You can save plots to a postscript file, (set\_plot,'ps' then call device,keywords = values to configure the postscript device with keywords xsize, ysize, xoffset, yoffset, bits\_per\_pixel, filename, color, inches, encapsulated and landscape: I think that's all of them) but if you are representing your data as an image of some sort, i.e. you're doing a TV or TVSCL to put the data into your plot, it won't save you all that much, particularly in the size of the file. If you're using plot,oplot or plots to get the data onto the plot, you'll benefit from using the Postscript device.

See David Fanning's tutorial on making postscript plots.

http://www.dfanning.com/documents/tips.html#PostScript

He has a very nice program called PS\_FORM.pro (although he recently seemed to want to disavow any knowledge of it, I think it's quite good) that you can use to configure your Postscript device by presenting a widget in which all the pertinent keywords are configurable, although it may not work in IDL 5.2, you'll just have to give it a try and see.

"David" <dgallego@eucmos.sim.ucm.es> writes:

Inside of a dog it's too dark to read

Groucho Marx

```
Hi all.
I'm working with IDL 5.2 (PC) plotting maps of geographical variables
(pressure, etc.). I would like to know if it is possible to save the
graphical output to a vectorial file (such as EPS, Illustrator, WMF).
Currently I can save the work in TIFF or JPG.
Thanks in advance.
David
Universidad Complutense de Madrid (Spain)
Outside of a dog a book is man's best friend.
```

Subject: Re: beguinner's question Posted by davidf on Tue, 26 Dec 2000 19:26:23 GMT

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David (dgallego@eucmos.sim.ucm.es) writes:

- > I'm working with IDL 5.2 (PC) plotting maps of geographical variables
- > (pressure, etc.). I would like to know if it is possible to save the
- > graphical output to a vectorial file (such as EPS, Illustrator, WMF).
- > Currently I can save the work in TIFF or JPG.

You can certainly create encapsulated PostScript output. There is no Illustrator output, but in IDL 5.4 you can now create WMF format files. (At least on Windows machines, I don't know if this is available in UNIX. Anyone?)

I like to use the PSConfig program you can find on my web page to get the PostScript "page" set up appropriately. For example, if I want to draw an encapsulated plot on A4 paper, I would do something like this:

keywords = PSConfig(/European, /Encapsulated, Cancel=cancelled)

IF NOT cancelled THEN BEGIN

thisDevice = !D.Name

Set\_Plot, 'PS'

Device, \_Extra=keywords

Plot, mydata

Device, /Close\_File

Set\_Plot, thisDevice

ENDIF

Cheers,

David

--

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

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: beguinner's question
Posted by Kristian Kjaer on Wed, 27 Dec 2000 09:52:46 GMT
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> There is no Illustrator output,

Isn't Illustrator format (\*.ai) just postscript (\*.ps) by another name? It works to rename a \*.ai file to \*.ps and then feed it to ghostview or to a postscript printer.

## David Fanning wrote:

- > but in IDL 5.4 you can
- > now create WMF format files. (At least on Windows machines,
- > I don't know if this is available in UNIX. Anyone?)

Strangely, IDL5.4 on linux will NOT create a WMF file.

Kristian Kjær Risø Natl. Laboratory

Subject: Re: beguinner's question

Posted by Pavel A. Romashkin on Wed, 27 Dec 2000 16:46:54 GMT

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Doesn't WMF stand for \*windows\* meta file (which is the MS way of saving contents of clipboard to disk in vector form)? I guess, Unix 5.4 should then make UMF files :-)

Cheers, Pavel

## David Fanning wrote:

>

- > You can certainly create encapsulated PostScript output.
- > There is no Illustrator output, but in IDL 5.4 you can
- > now create WMF format files. (At least on Windows machines,
- > I don't know if this is available in UNIX. Anyone?)