Subject: Re: graphic formats

Posted by Martin Schultz on Fri, 14 May 1999 07:00:00 GMT

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## Steve Carothers wrote:

>

- > Is there a way to output plots in an easily portable format such as gif or
- > jpg? Currently, I can only output plots using the set\_plot command, which
- > gives output "formats" of postscript, Hewlett Packard graphic language, and
- > others that aren't easily portable. The next best thing would be to find a
- > cheap UNIX or PC program that can convert postscript to gif without losing
- > resolution. Any help would be much appreciated.

>

> Steve

it may depend on the fonts that you use (I'm still working in Hershey age), but I usually find I get better results producing a postscript plot and then use xv (which is installed almost everywhere and should be installed everywhere;-) to take a screen-snapshot from ghostscript. xv can then save gif, tiff, xpm, bmp, jpeg, etc.

Of course you need a biiiig monitor for this ;-)

Martin.

--

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Subject: Re: graphic formats

Posted by davidf on Fri, 14 May 1999 07:00:00 GMT

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Steve Carothers (onav1@flash.net) writes:

- > I'm using PV-Wave version 6, not IDL (I assume they are not the same). Will
- > your suggestion still work for PV-Wave? I'm not trying to output a picture,
- > I'm trying to electronically save a plot: "plot,x,y". It's actually more
- > complicated than just using the plot command, though. Thanks for the reply.

Ah, then it is even easier. All you have to learn is one Image\_Write command, not 4-5 separate commands. :-)

Cheers.

## David

P.S. It might take you a couple of hours to write the PV-Wave equivalent of XWindow. But all the pieces are available.

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

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

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

Subject: Re: graphic formats

Posted by Steve Carothers on Fri, 14 May 1999 07:00:00 GMT

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## David,

I'm using PV-Wave version 6, not IDL (I assume they are not the same). Will your suggestion still work for PV-Wave? I'm not trying to output a picture, I'm trying to electronically save a plot: "plot,x,y". It's actually more complicated than just using the plot command, though. Thanks for the reply.

## Steve

In article <MPG.11a55564b9904e5c9897a0@news.frii.com>, davidf@dfanning.com (David Fanning) wrote:

- > Steve Carothers (onav1@flash.net) writes:
- >> Is there a way to output plots in an easily portable format such as gif

>> ipq?

or

- > Of course. I recommend you become acquainted with the on-line
- > help. It is truly helpful. :-)

>

- IDL>?GIF
- IDL>? JPEG
- IDL>? TIFF

- > You might also want to try my XWindow program. This
- > program will allow you to display a wide variety of
- > IDL graphics commands (including your own if you write
- > them following a few simple rules) in a resizeable
- > window. But the best part is that you can automatically

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> get what you see in the window to print in GIF, JPEG,
> TIFF, and PostScript output. You can find the program
> on my web page:
>
   http://www.dfanning.com/programs/xwindow.pro
>
> I produce almost all the output you see on my web
> page from this program.
   XWindow, 'Shade_Surf', Dist(40), /XColors, /Output
>
>
> Cheers,
>
> David
>
> David Fanning, Ph.D.
> Fanning Software Consulting
> Phone: 970-221-0438 E-Mail: davidf@dfanning.com
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
> Toll-Free IDL Book Orders: 1-888-461-0155
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