Subject: Re: plotting and large data files Posted by davidf on Thu, 29 Oct 1998 08:00:00 GMT

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

David Ritscher (david.ritscher@bigfoot.com) writes:

- > How does one handle plotting of data sets with many more points than
- > one can plot on the screen or print on a laser printer?
- > [Nice solution snipped.]
- > 1. Is there any way to do something similar with a laser printer?
- > Different laser printers have different mappings of pixels, sometimes
- > even different mappings in the two directions (for example, higher
- > resolution in the long axis of the paper). How would I perform the
- > above steps 1. and 2. with a laser printer?

At least for the PRINTER device in IDL you can (in IDL 5.1.1 and higher) get the pixel resolution of the default printer with the GET PAGE SIZE keyword to the DEVICE command:

Set_Plot, 'PRINTER'
DEVICE, GET_PAGE_SIZE=thisPage
Print, thisPage

Presumably with this information you can perform the same tedious tasks you are now performing for the display device.

I agree it would be nice to have this functionality built into IDL.

Cheers,

David

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