
Subject: Re: Memory Problems

Posted by [thompson](#) on Thu, 15 Aug 1996 07:00:00 GMT

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"J.D. Smith" <jdsmith@astrosun.tn.cornell.edu> writes:

> I am having memory problems when attempting to print a 2-d image to
> postscript. The images display without problem under the X device (with
> seemingly as many windows displaying as I could want), but when I
> "set_plot,'PS'" and run the same display commands, I get a "Unable to
> allocate array: Not enough memory" message. I am using IDL 4.0.1 on a
> SPARC IPX. Any thoughts?

I suspect that what you're doing is generating a new image sized to fit the amount of graphics area available. PostScript files contain an enormous number of pixels that you can write to. It's like having a 24130x17780 monitor to play around with.

The way to get around this is to use the scalable pixel feature of PostScript. This is done by using the XSIZE and YSIZE keywords with the TV or TVSCL command.

Bill Thompson
