Subject: Re: idl, postscript, color

Posted by agraps on Wed, 23 Oct 1996 07:00:00 GMT

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Klaus Bramstedt <br/> bram@gome5.physik.uni-bremen.de> writes:

- > I have to plot TrueColor pictures in IDL. These pictures contain colors
- > defined as RGB-values. On a TrueColor X-Display everything works fine
- > with about 16 million colors, i get very nice pictures. I want to plot
- > this pictures on a PostScript color printer. But the 'ps' device in IDL
- > only allows 256 colors, which is definitily too less for my pictures.
- > Has someone any idea, how to put my pictures on paper?

## (posted and emailed)

I'm not sure, but I do the following to get a color postscript file from the image stored in the Zbuffer. What happens if you change the bits from 8 to something larger? It might be worth a try. But I would hope that 2^{24} colors would be enough (for 8 bit colors, each color coordinate can range from 0 to 255, so the total palette contains 16,777,216 colors. See page 16-7 in the IDL User's Guide.).

SET\_PLOT, 'Z', /copy ;copy the device's internal color table a = TVRD() SET\_PLOT, 'PS', /copy fn = '/home0/amara/temp.ps' DEVICE, filename=fn, /color ,/landscape, bits=8 TV, a DEVICE, /close

**Amara** 

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