Subject: Re: Device's bits_per_pixel keyword
Posted by Charles Cavanaugh on Thu, 12 Nov 1998 08:00:00 GMT
View Forum Message <> Reply to Message

<HTML>
Harald,

<P>Thanks for your reply, but does your solution reduce only the file size,
or does it

also reduce the plot size? I specifically want only the file
size to be reduced.

<P>According to the IDL 5.0 Reference Guide Volume 1, on page 74, in the

BITS_PER_PIXEL keyword explanation :

<P><I>"IDL is capable of producing PostScript images with 1, 2, 4, or 8
bits per pixel. Using more</I>

<I>bits per pixel gives higher resolution at the cost of generating
larger files.</I>

<I>BITS_PER_PIXEL is used to specify the number of bits to use."</I>

<P>I interpret that to mean bits_per_pixel has something to do with the
size of the PS output.

Do I misunderstand you or the keyword explanation?

<P>Charles

<P>Harald Frey wrote:
<BLOCKQUOTE TYPE=CITE>bits_per_pixel has nothing to do with the size
of the PS output, it is

just the number of bits that is adjusted to each pixel and allows

display in black/white or in any of 255 grey-levels. You have to use
the

xsize and ysize keywords.

<P>set_plot,'ps'

 device,xsize=15.,ysize=15.,xoffset=3.,yoffset=5.,scale_facto r=1.,bits=8,/color

<P>.

.

device,/close

<P>Harald

hfrey@ssl.berkeley.edu</BLOCKQUOTE>

<PRE>--

Charles Cavanaugh
MOPITT & HIRDLS Programs
National Center for Atmospheric Research
Boulder, CO, USA
email: cavanaug@ucar.edu
phone: (303) 497-2919
fax : (303) 497-2920</PRE>
 </HTML>