Subject: 8-bit Postscript problem (Will IDL and color Postscript *ever* get along?)

Posted by brac00_at_PsU_dot_EdU on Thu, 06 Jul 2006 21:51:19 GMT

View Forum Message <> Reply to Message

Hello, I know this subject has (had) come up many times for over a
decade, and from what I can
tell on this newsgroup, seemed to be worked out to a great extent by
say 2004.

My problem is a 'classic' (?) where color postscript output is only 16
colors. That is, I'm
trying to make a Postscript color image, but I get 'blocky' colors -
i.e., only 16 of them.

But the twist (or me missing something) is that
   1) I am using David Fanning's flexible TVIMAGE program (thanks!
great prog btw),
and
   2) I explicitly set DEVICE, BITS=8, COLOR=1, ENCAPSULATED=1 after
doing SET_PLOT,'ps'.

A curious thing, though: using Fanning's COLORBAR program produces
256-color output on the
Postscript plot, so the bar looks nice and the plot is
crude/blocky/pixelly/ick. Also, doing a LOADCT
after setting to PS output does not help.

Could anyone help or offer any suggestions for this seemingly
ancient/solved problem?

Thanks,
-M. Kelly,
 PSU Meteorology

Hofstadter's Law:
"It [a task] always takes longer than you expect, even when you take
into
account Hofstadter's Law."