Subject: Re: being clever with postscript
Posted by Kenneth P. Bowman on Thu, 08 May 2008 23:28:00 GMT
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In article
<446f54e5-5a8c-4a02-8ed7-0095107f1bc3@l64g2000hse.googlegroups.com>,
 ianpaul.freeley@gmail.com wrote:

> OK, here's the situation I'm sick of: I've written a pile of code
> that, after performing some amazing array manipulation, generates some
> beautiful plots. Now I'd like to include the plots in a scientific
> paper by creating encapsulated postscript files. The problem is, for
> many of the plots I will want to convert them to black and white to
> save printing costs. For those that I want to leave in color, I'll
> need both CMYK and RGB versions (CMYK for the printers, and RBG to put
> on-line).
>
> Can anyone come up with a cleaver wrapper to put around my plot
> commands so that IDL outputs B&W, RGB, and CMYK postscript files? It
> would really be handy if I could open multiple devices to plot to
> simultaneously, but I don't see any way to do that.
>
> I could just write a loop around all my current "device" calls, but I
> was hoping for something more elegant.
>
> cheers,
> IP Freeley

You can look at my ps_on and ps_off routines (idl.tamu.edu) or Liam
Gumley's similar routines. Add the keywords you need and you're set.

Beware, the PS device driver only supports 8-bit color for lines
and the like (24-bit is only for images).

Ken Bowman