Esa Riihonen <riihonen@NO.SPAM.utu.fi> wrote in message
news:<3F017E9D.8040302@NO.SPAM.utu.fi>...
> Hi all!
>
> I wonder whether someone might have bumped on this problem before and
> even perhaps have somekind of solution.
>
> As I understand, Postscript files produced by IDL have color coded as
> RGB. However several (propably most) journals require CMYK-code. I have
> a clumsy solution, load the file in CorelDraw and make the changes there
> - this is far from perfect as it among other things usually require many
> trials e.g., going back to IDL for changing the line thicknesses and such.
>
> So has anyone a better solution?
>
> Our IDL environment is 'IDL Version 5.6, Compaq Tru64 (OSF alpha m64)'
> Also Linux and even Windows based solutions would be OK.
>
>
> Cheers,
>
> EsaR
>
> PS. I think provision of CMYK-coded PS would be much needed in the
> future IDL-versions.

Someone at my office had asked me the same question about a month ago.
He figured a way to handle this by editing the PS file by hand -
but I later found a Perl script that may be able to do this
automatically. The web page for the script is

http://dionysos.mpch-mainz.mpg.de/~joeckel/pscol/

It will also do PS color to grayscale conversion.

The script needs a standardized PS file for input, created via
Ghostscript 'ps2ps' or 'eps2eps'. It uses a simple algorithm
for the conversion and probably will work ok for simple color
conversions - like the colored line plots my colleague was producing.
For other cases you'd need to load the figure in Photoshop, or CorelDraw
as Esa noted above.   I suppose one could modify the script to deal
with IDL PS format directly and take out the 'ps2ps' step...
At least it may be useful until IDL can generate CMYK PS.