Subject: Re: graphic formats

Posted by imeloy on Tue, 18 May 1999 07:00:00 GMT

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In article <hXM_2.974$Qy3.452@news.flash.net>,
 "Steve Carothers" <onav1@flash.net> wrote:
> Is there a way to output plots in an easily
portable format such as gif or
> jpg? Currently, I can only output plots using
the set plot command, which
> gives output "formats" of postscript, Hewlett
Packard graphic language, and
> others that aren't easily portable. The next
best thing would be to find a
> cheap UNIX or PC program that can convert
postscript to gif without losing
> resolution. Any help would be much appreciated.
> Steve
Below is a short code segment that demonstrates
how to use the image create and image write
functions
COMMON Colors, r_orig, g_orig, b_orig,r_curr,
g_curr, b_curr
imgsz = 400
imgtype = 'gif'; use
GIF, JPEG, MIFF, PCD, PCX, PNG, SUN, TGA, TIFF
DEVICE, pseudo color=8
WINDOW, 0, /Free, Xsize = imgsz, Ysize = imgsz,
colors = 256
LOADCT, 5
cmap = [TRANSPOSE(r_curr), TRANSPOSE(g_curr),
TRANSPOSE(b_curr)]
tvscl, DIST(imgsz)
graphic = TVRD(0, 0, imgsz-1, imgsz-1)
iout = image_create(graphic, Colormap = cmap,
File_type = imgtype)
status = image_write('img.'+imgtype, iout,
/overwrite)
```

Hope this helps

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Jeff
>
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