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Subject: Re: graphic formats

Posted by [jmeloy](#) 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 = [TRANSPPOSE(r_curr), TRANSPPOSE(g_curr),  
TRANSPPOSE(b_curr)]
```

```
tvscf, 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

Jeff  
>

--== Sent via Deja.com <http://www.deja.com/> ==--  
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