
Subject: Re: graphic formats

Posted by [Jeff Meloy](#) 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

>

Here's a quick example showing how to use the image_create and
image_write functions to do what you need.

```
COMMON Colors, r_orig, g_orig, b_orig, $  
      r_curr, g_curr, b_curr
```

```
;Image types supported  
;BMP,GIF,JPEG,MIFF,PCD,PCX,PNG,SUN,TGA,TIFF  
imgtyp = 'gif'  
imgsz = 400
```

```
;display image  
DEVICE, pseudo_color = 8  
WINDOW, 0, colors = 256, xsize=imgsz, ysize=imgsz  
LOADCT, 5  
TV,DIST(imgsz)
```

```
;write output  
graphic = TVRD(0, 0, imgsz-1, imgsz-1)  
cmap = [TRANPOSE(r_curr), TRANPOSE(g_curr), TRANPOSE(b_curr)]  
iout = IMAGE_CREATE(graphic, Colormap = cmap, File_type = imgtyp)  
status = IMAGE_WRITE('test.'+imgtyp, iout, /overwrite)
```

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Jeff Meloy

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