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Subject: Re: How to make GIF file (2) ?

Posted by [thompson](#) on Tue, 13 Jun 1995 07:00:00 GMT

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bleau@UMDSP.UMD.EDU (Lawrence Bleau) writes:

> Hi again. I posted a message last week re generating a GIF file from IDL so I  
> can serve it over WWW, and received quite a few responses so far. All of them  
> have directed me to use TVRD and WRITE\_GIF. Thanks to those who responded.  
> This does not, however, solve my problem entirely. Here are the additional  
> details.

> I had learned about TVRD and WRITE\_GIF from TFM before I posted my initial  
> message, and had hoped there was a better way of approaching the problem (like  
> with a PLOT option). I put up a simple plot and called TVRD(0,0,100,100,0),  
> followed by a WRITE\_GIF. I moved the resultant file to my WWW server  
> directory, went to my Mac, fired up Netscape, and viewed the image. It was a  
> small square image in the corner of the graph, showing the axes. So far, so  
> good. I next called TVRD(0,0,200,200,0) and put it in another file. This  
> displayed a rectangular image with some lines, but was not recognizable as part  
> of the graph (well, maybe if you strain). The rectangle was roughly twice the  
> width of the first subimage and half the height, though I wouldn't swear to it  
> (I didn't measure it). Finally, I tried it with TVRD(0,0,500,500,0), and when  
> viewed this produced a \*blank\* image! There's something going on here I do not  
> understand, folks, and it puts a big question mark beside the entire process.

(rest deleted)

As I recall, if you use TVRD() without any parameters, it automatically reads  
in the entire window. I suspect that's what you want to do. If you use the  
'Z' device, as mentioned in other posts, then you can use the command

```
IDL> DEVICE,SET_RESOLUTION=[xsize,ysize]
```

to make the size of the pseudo-display the desired size of the GIF file before  
doing any plotting.

Bill Thompson

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