
Subject: idl gif files and display by dos viewer
Posted by [brooker](#) on Wed, 10 May 1995 07:00:00 GMT
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I have a frame grabber card and a black and white camera. The frame grabber digitizes an image to 8 bits and saves to a binary file that I read with the following commands:

```
a=bytarr(320,240)
openr,lun,'image1.img',/get_lun
readu,lun,a
```

This image looks fine when I type: `tv,a`

I now want to save to a GIF file so that I can view the image on a PC using the DOS viewer QPEG. IDL can do this by using the command:

```
write_gif,a,'image1.gif'
```

This seems to work fine because when I type the commands

```
read_gif,'image1.gif',b
tv,b
```

the image looks like the original.

The problem is that when I look at the same GIF file on a PC with the DOS viewer QPEG, it looks terrible. The image is still there but now it is mostly white.

Has anybody else ever had this problem??

Thanks-Peter Brooker

Subject: Re: idl gif files and display by dos viewer
Posted by [afl](#) on Wed, 10 May 1995 07:00:00 GMT
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|> The problem is that when I look at the same GIF file on a PC with the
|> DOS viewer QPEG, it looks terrible. The image is still there but now it
|> is mostly white.
|>
|> Has anybody else ever had this problem??
|>
```


Subject: Re: idl gif files and display by dos viewer
Posted by [brooker](#) on Fri, 12 May 1995 07:00:00 GMT
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problem solved!!! thanks to everyone for helping me out!!

the solution was to save the r,g,b color tables with the gif file.

i had to do:

```
tv!ct,r,g,b,/get  
write_gif,a,'image1.gif',r,g,b
```

this file comes up just fine when I view it with the qpeg viewer in dos

thanks again- peter brooker

ps-this problem might only be for version 3.5

Subject: Re: idl gif files and display by dos viewer
Posted by [pellet](#) on Fri, 12 May 1995 07:00:00 GMT
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brooker@toka.ireq-ccfm.hydro.qc.ca wrote:

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: digitizes an image to 8 bits and saves to a binary file that I read with the
: following commands:

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: read_gif,'image1.gif',b  
: tv,b
```

: the image looks like the original.

: The problem is that when I look at the same GIF file on a PC with the
: DOS viewer QPEG, it looks terrible. The image is still there but now it
: is mostly white.

: Has anybody else ever had this problem??

My guess is that the color table is not save properly with
the image.

Maybe you could try this after loading and viewing the
image:

...

tv, a

```
TVLCT, r, g, b, /GET           ;Get current color table  
WRITE_GIF, a, 'image1.gif', r, g, b      ;Save image w/ color table
```

Hope this helps.

Jeff
pellet@INRS-ENER.UQuebec.CA
