## 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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|>

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|> DOS viewer QPEG, it looks terrible. The image is still there but now it

> is mostly white.

|>

|> Has anybody else ever had this problem??

|>

What if you save the r, g, b values with the gif image, does that change things?

\_\_

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Subject: Re: idl gif files and display by dos viewer Posted by Fergus Gallagher on Fri, 12 May 1995 07:00:00 GMT View Forum Message <> Reply to Message

brooker@toka.ireq-ccfm.hydro.qc.ca wrote:

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>

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- > using the DOS viewer QPEG. IDL can do this by using the command:

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- > DOS viewer QPEG, it looks terrible. The image is still there but now it
- > is mostly white.

Works for me - can view a gif image written by the above procedure succesfully on PC (under windows) and on Unix box.

I use IDL 3.6.1 on a SPARCstation

--

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## 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:

tvlct,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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- : 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??

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 WRITE\_GIF, a, 'image1.gif', r, g, b ;Get current color table ;Save image w/ color table

Hope this helps.

Jeff pellet@INRS-ENER.UQuebec.CA