
Subject: Display Gifs, each w/diff color tables?

Posted by [rmlongfield](#) on Mon, 12 Jul 1999 07:00:00 GMT

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Hi All,

Here's a question I haven't seen discussed yet. I have several different GIF files given to me by several sources. I can read and display them individually. However, I can't look at them all at the same time. This is, I believe, due to the fact that the GIF files come with their own color tables. Every time a new one is loaded, the color table from the previous one is re-defined. I have tried the "split table" technique outlined in DWF's book, but it doesn't work because some of the GIF images fill in all the r,g,b arrays.

Now, these are just xy plots and clearly all these colors are not necessary. Is there some way of defining which colors are important and which are just "pretty"? Maybe a reverse color24 function (DWF)? If I had only 10 colors per image, I can split up the table (if I understand it right) and use :

```
tv!ct,r,g,b,10  
tv,bytsc1(image)+byte(10)
```

Any ideas or suggestions would be appreciated.

Rose

p.s.

```
IDL> help,!version,/structure
```

```
** Structure !VERSION, 5 tags, length=40:
```

```
ARCH      STRING  'mipseb'  
OS        STRING  'IRIX'  
OS_FAMILY STRING  'unix'  
RELEASE   STRING  '5.2'  
BUILD_DATE STRING  'Oct 30 1998'
```

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Subject: Re: Display Gifs, each w/diff color tables?

Posted by [rmlongfield](#) on Thu, 15 Jul 1999 07:00:00 GMT

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In article <378B72B4.36A36DA8@ssec.wisc.edu>,

Liam Gumley <Liam.Gumley@ssec.wisc.edu> wrote:

> rmlongfield@my-deja.com tried to BYTSCL a GIF image

>> read_gif,'./GIF_FILES/test1.gif',image,r,g,b

```
>> tvlct,r,g,b
>> window,/free, retain=2
>> tv,bytsc1(image)
```

Well, guys, it finally worked. I didn't always have the BYTSCL there but put it in when I tried to use the split-colortable technique, (which did work when I looked at the same GIF file in two different windows) . Alas, it stayed there for the rest of my attempts. At home, on a PC, I got the wrong colors also but could at least see the plots, even with the BYTSCL.

So, Lessons learned Summary:

```
device, true=24, decomposed=0
window, /free, /pixmap
wdelete, !d.window
```

And do not BYTSCL the image with TV!

THANKS! Here's a virtual beer for you! (or another favorite beverage)

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Rose

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