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Subject: Re: METAFILE + TVLCT

Posted by [Karl Schultz](#) on Mon, 28 Mar 2005 16:09:57 GMT

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On Fri, 25 Mar 2005 15:36:45 -0700, David Fanning wrote:

> Ed Hyer writes:

>

>> I got started using the 255-color color tables IDL provides, which are  
>> useful immediately for quick plotting. After a while, I got greedy and  
>> started using TVLCT when I needed another color that wasn't in the  
>> color table I was using. Now I am creating my graphics as METAFILES and  
>> have found this trick doesn't seem to work. I initialize the device as

>> follows:

```
>>> set_plot,'METAFILE'  
>>> device,file=outfile  
>>> device,xsize=xsize/30,ysize=ysize/30  
>>> device,/index  
>>> device,true=0
```

>> Then, I use TVLCT to give me colors I need, such as adding a gray for  
>> NODATA to my usual ROYGBIV colors:

```
>>> loadct,39  
>>> tvlct,[100,100,100],1
```

>> This works beautifully on the WIN display device, but does not change  
>> the colors at all in the METAFILE.

>> Is there another workaround for this?

>

> METAFILE!? Isn't that circa 1976 or something?

> I'd mention this to RSI. They are interested in old

> technology. :-)

>

You might be thinking of the the CGM (Computer Graphics Metafile) driver.  
CGM is pretty old. The METAFILE device was added to IDL in IDL 5.4 and  
supports sending output to a Windows Metafile.

Karl

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