
Subject: Re: METAFILE + TVLCT

Posted by [Karl Schultz](#) on Mon, 28 Mar 2005 17:18:59 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Fri, 25 Mar 2005 13:59:50 -0800, Ed Hyer wrote:

> 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?

This is a bug. I'll fix it for next release.

One workaround is to always load the color table starting at the beginning.

So if you wanted to change only index 10, you'd have to get entries 0-9
and then set 0-10. Or get the entire table, make your changes, and then
set the whole thing again.

Karl
