
Subject: Animation and color tables

Posted by [pendleton](#) on Tue, 02 Feb 1993 16:41:15 GMT

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I'm attempting to animate a series of images in IDL, each of which has its own color table. I've extracted the relevant code from XANIMATE.PRO and modified it to execute a TVLCT after each image is loaded. This produces a "flash" as the color table is loaded. I've also tried executing an "ERASE & TVLCT & DEVICE,COPY" sequence, but the results are no better, also resulting in a flash.

Each image uses more than half of the 256 colors, so "doubling up" the color table won't work (i.e., storing the color tables of "even" and "odd" images in the low and high ends of the RGB vectors.)

Here's the section of code I'm using now...

```
While 1 Do Begin
  For I = 0, NFrames - 1 Do Begin
    Device, Copy = [0, 0, xs, ys, 0, 0, pwin(I)]
    TVLCT, Red(0:*, I), Green(0:*, I), Blue(0:*, I)
    Wait, Delay
    If (Get_Kbrd(0) ne ") then Return
  EndFor
EndWhile
```

Has anyone had experience with this sort of problem?

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