
Subject: Unpleasant "feature" in WRITE_PICT routine

Posted by [gurman](#) on Fri, 08 Oct 1993 17:19:18 GMT

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Some may consider this a feature, but:

There appears to be a problem with the user library routine WRITE_PICT, when it is called with the optional color table parameters r, g, b. Once the routine is called with all five parameters (e.g., WRITE_PICT, filename, image, r, g, b), r, g, and b are clobbered, and cannot be used in succeeding calls.

I believe the problem is with the following lines in WRITE_PICT:

```
r = r * 256L           ;macs use ints for
g = g * 256L           ;color values so move
b = b * 256L           ;the values up
```

The left-hand side of these replacement statements should be variables other than those used in the calling sequence, don't you think?

I have modified our local version by substituting:

```
r_mac = r * 256L       ;macs use ints for
g_mac = g * 256L       ;color values so move
b_mac = b * 256L       ;the values up
```

and later, when the PICT color table is being constructed,

```
colors(0,*) = INDGEN(colorTable.ctSize + 1)
colors(1,*) = r_mac
colors(2,*) = g_mac
colors(3,*) = b_mac
```

Works for me....

I have sent the above text to support@rsinc.com.

Joe Gurman

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