
Subject: Re: XLOADCT under Windows 95 vs. Windows NT 4.0

Posted by [davidf](#) on Sun, 06 Oct 1996 07:00:00 GMT

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Imad Jureidini <imad@mit.edu> writes:

> I'm having this strange problem using XLOADCT on our Windows 95
> machine. If I load up XLOADCT, the color table gets refreshed neither
> on the color band on the top, nor on the image I want to change the
> color table for. This even happens in the demo! On our Windows NT
> 4.0 machine on the other hand, XLOADCT behaves perfectly normally,
> from the prompt or in the demo.
>
> Does anybody have any ideas? Thanks a lot!

This is the classic symptom of running your Windows 95 machine in
either 16-bit or 24-bit color mode. In either of these modes you have
to redisplay your graphic window to see the effect of the color changes.

For example, like this:

; Load a gray-scale color table and display the image.

```
LOADCT, 0  
TVSCL, DIST(300,400)
```

; Load a red-temperature color table and re-display the image.

```
LOADCT, 3  
TVSCL, DIST(300,400)
```

To restore your Windows NT behavior, use your monitor control panel to
configure your monitor for 8-bit (256 color) mode.

David

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Subject: Re: XLOADCT under Windows 95 vs. Windows NT 4.0

Posted by [Markus Heuer](#) on Sun, 06 Oct 1996 07:00:00 GMT

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> Hi,

>
> I'm having this strange problem using XLOADCT on our Windows 95
> machine. If I load up XLOADCT, the color table gets refreshed neither
> on the color band on the top, nor on the image I want to change the
> color table for. This even happens in the demo! On our Windows NT
> 4.0 machine on the other hand, XLOADCT behaves perfectly normally.
> Imad Jureidini
> imad@mit.edu
> PS: We're running IDL 4.0.1 on both machines.

Dear Imad

on my Windows95 machine XLOADCT works fine. However, on another machine running Windows 3.11, I experienced a similar problem with IDL 4.0.1: plots simply didn't show up. It turned out that the graphics driver was configured to 16 instead of 256 colors. Thus you might check the Windows95 graphics setup (number of colors and graphics adapter driver).

Cheers

Markus Heuer
Berne, Switzerland
heumar@thenet.ch

Subject: Re: XLOADCT under Windows 95 vs. Windows NT 4.0
Posted by [Mark Hadfield](#) on Tue, 08 Oct 1996 07:00:00 GMT
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imad@mit.edu wrote in article <533ue8\$ia3@senator-bedfellow.MIT.EDU>...

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> machine. If I load up XLOADCT, the color table gets refreshed neither
> on the color band on the top, nor on the image I want to change the
> color table for. This even happens in the demo! On our Windows NT
> 4.0 machine on the other hand, XLOADCT behaves perfectly normally,
> from the prompt or in the demo.

Are you running the Win 95 machine at > 256 colours?

If IDL for Windows is run with the display set at > 256 colours, colours in plot windows are not affected by changes in the colour tables until the window is redrawn.

I understand from a recent thread that this occurs with the Macintosh & X Windows Manager also.

I don't know of a work-around, except to reduce the colour depth on your system (and lose those lovely full-colour icons!). Under Mac and X, PSEUDO_COLOR keyword to DEVICE might affect this behaviour, but this keyword is not available for the WIN device.

=====
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