Subject: Re: Changing the Colour Table for RGB images on Linux/Solaris
Posted by David Fanning on Fri, 26 Mar 2004 14:42:24 GMT
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Philip Kershaw writes:

> I'm developing a colour editor for use with an image display program for
> Linux and Sun Solaris. I've found that when I update the colour table for
> an RGB image, the image display isn't updated. However, when I run the same
> program under Windows 2000, the image IS updated as expected.
>
> I'm running IDL 6.0 set with
>
> Device, Decomposed=0
>
> The display is 24-bit in each case for Windows, Linux and Solaris platforms.
>
> When I alter the colour table I re-display the image using
>
> TV, image, True=3
>
> The image has dimensions (m, n, 3)
>
> As a test, I tried adapting one of Dave Fanning's programs (thank you for
> this!), "color_example.pro" to run loading the RGB image. Again, it works
> under Windows but not Linux or Solaris.
>
> Has anyone come across anything like this? Any ideas?

Well, maybe you are running in *Windows* with Device, Decomposed=0,
but I doubt you are doing the same on your UNIX machines. :-)

Take that Color_Example program and substitute TVIMAGE for every
TV. *Then* see what happens!

Cheers,

David

P.S. Let's just say, there are a number of image display programs
around that are device independent, but none from RSI. :-(

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Coyote's Guide to IDL Programming: http://www.dfanning.com/