
Subject: Re: Colors and Virtual Machine

Posted by [Karl Schultz](#) on Mon, 03 Jul 2006 21:58:26 GMT

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On Mon, 03 Jul 2006 11:12:53 -0700, Phillip Bitzer wrote:

> Tried setting the True Color keyword, but no luck. Indeed, I am getting
> a DirectColor visual, but I can't seem to tell my program to get the
> TrueColor. By the way, the reason this happens in VM but not IDL is
> I've set the TrueColor keyword in my startup file. Anyway, here's the
> code (at least the beginnning):
>
> ;@satview_GUI_TLB_events
> ;@satView
> pro satview_GUI
> ;provides GUI wrapper for satView program
> device, true_color=24
> device, get_visual_name=state
> print, state
> ...
>
> I'd like to be able to compile those two files in the header as well,
> but I've commented them out until I get this to work. The result of
> "print, state" is DirectColor.
>
> Any ideas on what I'm doing wrong?

Philip,

What version of IDL are you using? IDL 6.2 contained a change where IDL would start picking the TrueColor Visual over DirectColor by default.

There were also a lot of changes made to the way splash screens work in releases prior to 6.2 that may address this. But I can't be more specific without knowing what release is involved.

Keep in mind that once a Visual is used to draw something or talk to the X server, that Visual must be used for the rest of the session and cannot be changed. Even "DEVICE, /HELP" can do this. So, *something* is getting in there and establishing the Visual before you can set it yourself. Right now, I don't know what it is. Still, knowing the release will help a bit here.

One thing you could try is reconfiguring your X server to not use DirectColor visuals. This is pretty straightforward if you have an X.org or XFree86 server.

Karl
