
Subject: Re: Colors and Virtual Machine

Posted by [Karl Schultz](#) on Wed, 05 Jul 2006 17:10:23 GMT

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On Mon, 03 Jul 2006 20:56:07 -0700, Phillip Bitzer wrote:

> I'm using 6.0, if that helps.

Yep. Quite important in this context.

> There must be something in the way VM is called that sets the device
> visual. Maybe someone out there knows a way to tell VM which visual to
> use.

OK, I think I got to the bottom of this.

Your program:

```
device, true_color=24
device, get_visual_name=state
print, state
```

runs ok in the VM on IDL 6.2. It reports DirectColor on IDL 6.0.

I think that was a bug that has been fixed between 6.0 and 6.2. When you start the VM, it displays a splash screen where you click that button to start running the app. This splash screen caused the visual to get set to DirectColor, which was a bug. So, there was no way for the app to select a visual when running under the VM.

> I'll try that on my machine, but I was hoping to be able to package
> this program, which means that other users would have to do the same
> thing - more work than I want the end user to have to do.

Yes, agreed. It's just a weak workaround.

> One more thing- if I compile this thing in say IDL 6.2, will VM be able
> to interpret the program correctly? i.e., if I compile it in 6.2, and a
> user runs it in a IDL VM that is packaged with 6.0, will it find the
> correct visual?

No, a 6.0 VM would still have the bug. Your users would have to upgrade their VM's.

Karl
