Subject: Re: Colormap in idl -vm Posted by David Fanning on Tue, 23 Mar 2004 22:16:29 GMT View Forum Message <> Reply to Message

# Yunxiang Zhang writes:

- I was not able to make the colormap work properly with idl virtual
   machine. The image always looks b/w and TVLCT defined color is always
   black.
- > For example, LOADCT won't do anything and the following code gives me > totally black screen. This happens only in virtual machine mode(Linux).
- > :(

>

- > TVLCT, [[0], [255], [31]], green
- > PLOT, x, my\_func, color=green
- > Is it a common problem or I have to know some tricks here? Thanks!

I guess I would have tried this:

```
TVLCT, [[0], [255], [31]], green DEVICE, Decomposed=0 PLOT, x, my_func, color=green
```

Does that work any better?

Cheers.

David

David Fanning, Ph.D.
Fanning Software Consulting

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

Subject: Re: Colormap in idl -vm Posted by Yunxiang Zhang on Tue, 23 Mar 2004 23:25:31 GMT View Forum Message <> Reply to Message

### Thanks David!

It seems that 'idlde -vm' doesn't really care about my .idl\_startup.pro. And another strange thing is whenever I start the virtual machine, I have to click the button twice to get to the open sav file dialogue. Was it due to the latest patch? I can't remember. ^!^

On Tue, 23 Mar 2004, David Fanning wrote:

```
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>> machine. The image always looks b/w and TVLCT defined color is always
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> Cheers,
 David
>
> David Fanning, Ph.D.
> Fanning Software Consulting
> Covote's Guide to IDL Programming: http://www.dfanning.com/
```

Subject: Re: Colormap in idl -vm Posted by David Fanning on Tue, 23 Mar 2004 23:47:50 GMT View Forum Message <> Reply to Message

## Yunxiang Zhang writes:

> It seems that 'idlde -vm' doesn't really care about my .idl\_startup.pro.

No, I think this has been pretty well established, and even

## documented. :-)

- > And another strange thing is whenever I start the virtual machine, I have
- > to click the button twice to get to the open sav file dialogue. Was it due
- > to the latest patch? I can't remember. ^!^

Haven't seen this. Don't know.

Cheers.

David

--

David Fanning, Ph.D. Fanning Software Consulting

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

Subject: Re: Colormap in idl -vm

Posted by portshome on Wed, 24 Mar 2004 14:08:24 GMT

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I have this same colormap problem in IDL Virtual Machine on an SGI running IRIX 6.5. Adding the DEVICE, DECOMPOSED=0 does not help.

PJ

Subject: Re: Colormap in idl -vm

Posted by David Fanning on Wed, 24 Mar 2004 14:33:36 GMT

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#### PJL writes:

- > I have this same colormap problem in IDL Virtual Machine on an SGI
- > running IRIX 6.5. Adding the DEVICE, DECOMPOSED=0 does not help.

Well, I'm not overly fond of using DEVICE DECOMPOSED in code anyway. Plays havoc with what you are trying to do, usually.

I prefer using device-independent color methods. Here is a Virtual Machine test program that uses FSC\_COLOR to load colors. You can find FSC\_COLOR here:

http://www.dfanning.com/programs/fsc\_color.pro

Do this:

1. Start a fresh IDL session. 2. Compile VM\_TEST IDL> .compile vm\_test 3. Type RESOLVE\_ALL: IDL> Resolve All 4. Save the routines in a save file: IDL> Save, Filename='vm\_test.sav', /Routines 5. Exit IDL. Now run the save file in the Virtual Machine. What colors are you seeing? Cheers. David \*\*\*\*\*\*\*\*\*\*\*\*\*\* PRO VM\_TEST\_EVENT, event Widget\_Control, event.top, /Destroy **END** PRO VM\_TEST base = Widget\_Base(Column=1) draw = Widget\_Draw(base, XSize=400, YSize=400) button = Widget\_Button(base, Value='Quit') Widget\_Control, base, /Realize bg = FSC\_Color('charcoal', !D.Table\_Size-2) ac = FSC Color('green', !D.Table Size-3) dc = FSC\_Color('yellow', !D.Table\_Size-4) Plot, Findgen(11), Background=bg, Color=ac, /NoData OPlot, Findgen(11), Color=dc XManager, 'vm\_test', base **END** .\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

David Fanning, Ph.D. Fanning Software Consulting

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

Subject: Re: Colormap in idl -vm

Posted by portshome on Tue, 30 Mar 2004 15:05:23 GMT

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Actually I applied IDL patch v6.03, and it fixed my problem! I don't know but it may fix the other person's problem as well.