
Subject: Re: ARG! Direct Color problem IDL 5.5/Linux (decomposed doesn't help)
SOLVED

Posted by [Robert Stockwell](#) on Thu, 07 Feb 2002 21:13:56 GMT

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Nigel Wade wrote:

- > Robert Stockwell wrote:
- > Ditto, the same.
- >
- > Don't tell me you never played snap as a kid? Maybe it's called something
- > else over the pond. How does that saying go "two countries separated by a
- > common language"?

heh heh

- >
- > That's strange. Do you do a device,decomposed=0 first? I have a feeling
- > that fixes the visual to the default.

AHA! Yes that is it! I had decomposed=0 in there, and it locked IDL into Direct Color, and causing device,true=24 commands to be ignored, and hence the goofy diret color behaviour.

Now I get normal color. YAY!
Thanks a lot for help!

Cheers,
dancing bob
(sung to the tune of "I am evil homer")
"I've got pretty colours"
"I've got pretty colours"
"I've got pretty colours"
"I've got pretty colours"

For any who are interested, here is my startup script:

```
;startup.pro  
;calls my startup procedures for idl  
  
; DISPLAY _____
```

```
; fix the IDL 5.5/Linux colour problem
if strlowercase(!version.os) eq 'linux' then device,true=24
if strlowercase(!version.os) eq 'linux' then window,/pixmap &wdelete      ; fix the IDL 5.5/Linux
colour problem
if strlowercase(!version.os) eq 'linux' then device,bypass_translation=0
if strlowercase(!version.os) eq 'linux' then device,retain = 2
```

```
device,decomposed=0
```

```
print,'Startup ran'
```

Subject: Re: ARG! Direct Color problem IDL 5.5/Linux (decomposed doesn't help)
SOLVED

Posted by [David Fanning](#) on Thu, 07 Feb 2002 21:57:13 GMT

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Robert Stockwell (rgs1967@hotmail.com) writes:

> For any who are interested, here is my startup script:

>

>

> ;startup.pro

> ;calls my startup procedures for idl

>

> ; DISPLAY _____

>

> ; fix the IDL 5.5/Linux colour problem

> if strlowercase(!version.os) eq 'linux' then device,true=24

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colour problem

> if strlowercase(!version.os) eq 'linux' then device,bypass_translation=0

> if strlowercase(!version.os) eq 'linux' then device,retain = 2

>

> device,decomposed=0

Humm. Seems like that's the startup script we have been
recommending for at least a month now. :-)

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting

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Subject: Re: ARG! Direct Color problem IDL 5.5/Linux (decomposed doesn't help)
SOLVED

Posted by [Robert Stockwell](#) on Fri, 08 Feb 2002 00:02:32 GMT

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David Fanning wrote:

> Robert Stockwell (rgs1967@hotmail.com) writes:

>

>> For any who are interested, here is my startup script:

>>

>>

>> ;startup.pro

>> ;calls my startup procedures for idl

>>

>> ; DISPLAY _____

>>

>> ; fix the IDL 5.5/Linux colour problem

>> if strlowercase(!version.os) eq 'linux' then device,true=24

>> if strlowercase(!version.os) eq 'linux' then window,/pixmap &wdelete ; fix the IDL 5.5/Linux
colour problem

>> if strlowercase(!version.os) eq 'linux' then device,bypass_translation=0

>> if strlowercase(!version.os) eq 'linux' then device,retain = 2

>>

>> device,decomposed=0

>>

>

> Humm. Seems like that's the startup script we have been

> recommending for at least a month now. :-)

>

> Cheers,

>

> David

Yeah.

In fact I had grabbed a very similar startup script about week ago, and I think it failed because the order of steps that I had was wrong (with the decomposed = 0 before true=24 statement, which seemed to cause the true = 24 statement to be ignored, (as is described in the IDL help).)

It is nice to finally have come full circle and completed the journey

to whence I started.

Cheers,
bob

PS Let's just say I find it a lot more comfortable in Win2000 (where I almost know what's going on) than Linux.

Subject: Re: ARG! Direct Color problem IDL 5.5/Linux (decomposed doesn't help)
SOLVED

Posted by [R.Bauer](#) on Fri, 08 Feb 2002 10:07:45 GMT

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Robert Stockwell wrote:

>

> Nigel Wade wrote:

>

>> Robert Stockwell wrote:

>> Ditto, the same.

>>

>> Don't tell me you never played snap as a kid? Maybe it's called something
>> else over the pond. How does that saying go "two countries separated by a
>> common language"?

>

> heh heh

>

>>

>> That's strange. Do you do a device,decomposed=0 first? I have a feeling
>> that fixes the visual to the default.

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> AHA! Yes that is it! I had decomposed=0 in there, and it locked IDL into
> Direct Color, and causing device,true=24 commands to be ignored, and
> hence the goofy direct color behaviour.

>

> Now I get normal color. YAY!

> Thanks a lot for help!

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> Cheers,

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> (sung to the tune of "I am evil homer")

> "I've got pretty colours"

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> For any who are interested, here is my startup script:

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```

> ;startup.pro
> ;calls my startup procedures for idl
>
> ; DISPLAY _____
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> ; fix the IDL 5.5/Linux colour problem
> if strlowcase(!version.os) eq 'linux' then device,true=24
> if strlowcase(!version.os) eq 'linux' then window,/pixmap &wdelete ; fix the IDL 5.5/Linux
colour problem
> if strlowcase(!version.os) eq 'linux' then device,bypass_translation=0
> if strlowcase(!version.os) eq 'linux' then device,retain = 2
>
> device,decomposed=0
>
> print,'Startup ran'

```

This is funny I got colors with your script too, but what is the difference to my script

```

if strlowcase(!version.os) eq 'linux' then device,
get_visual_depth=depth
if strlowcase(!version.os) eq 'linux' then device, true_color=depth
if strlowcase(!version.os) eq 'linux' then window, /free, /pixmap
if strlowcase(!version.os) eq 'linux' then wdelete, !d.window
if strlowcase(!version.os) eq 'linux' then device,bypass_translation=0
if strlowcase(!version.os) eq 'linux' then device, retain=2
if strlowcase(!version.os) eq 'linux' then decomposed=0
delvar,depth

```

I have added the line at the correct place and this didn't work!

My result is that it is forbidden to ask for the visual_depth!!!

If I exclude this line and set myself depth to 24 all is good, but how will I determine now between 16bit and 24 bit ?

Reimar

--

Reimar Bauer

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<http://www.fz-juelich.de/icg/icg1/>

=====

a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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