

Subject: Color Problems in IDL for Linux (Gnome)
Posted by [Sdavis](#) on Tue, 24 Jul 2001 20:33:40 GMT
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```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
```

```
Well, I know we have all struggled with colors in IDL&nbsp;at one point or another, but  
I&nbsp;am currently having a problem which
```

```
is beyond the usual frustrations people have with colors in IDL.
```

```
<pre></pre>
```

```
Essentially, when I make a plot, the colors are in black and white until I click on the upper-bar of the window that I'm interested
```

```
<pre>in seeing. Then, if there are any colors, the will be shown only as long as my mouse is over
the window of interest!!!</pre>
```

```
<pre></pre>
```

```
This seems like a flaw in Gnome, because I can re-login using the FVWM window manager
and everything works fine.
```

```
<pre></pre>
```

```
Any thoughts on this?
```

```
<pre></pre>
```

```
-Sean
```

```
<pre></pre>
```

```
<pre></pre>
```

[illegible]


```

> how much colors do you really have by idl.
> Please show us !d.n_colors.
>
> If you have only 256 colors then I believe you have some problems
> by your idl_startup.
>
> regards
> Reimar
>
>
> --
> Reimar Bauer
>
> Institut fuer Stratosphaerische Chemie (ICG-1)
> Forschungszentrum Juelich
> email: R.Bauer@fz-juelich.de
> 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
> =====
>
> read something about linux / windows
> http://www.suse.de/de/news/hotnews/MS.html

```

You can pre-set the colors idl uses in .Xdefaults, I believe. Also, Gnome is a desktop environment, not a window manager, last time I installed it. You must be using Enlightenment or BlackBox maybe? I use Gnome / Enlightenment currently (with IDL), I used to have to put a few lines like:

```

#idl.colors: 16777216 <----- note this is commented out!
idl.gr_depth: 24
idl.retain: 2
idl.gr_visual: TrueColor

```

in .Xdefaults to get color working in X w/idl (that was using AfterStep wm). Most important is idl.retain, which tells IDL to handle the window's backing-store, instead of the window manager. You may want to try that.

--

Steve S.

steve@NOSPAMmailaps.org
remove NOSPAM before replying

Subject: Re: Color Problems in IDL for Linux (Gnome)

Posted by [cjc5](#) on Tue, 31 Jul 2001 16:11:23 GMT

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On Tue, 31 Jul 2001 14:52:07 -0000, Steve Smith<steven_smith> <nobody@nowhere.com> wrote:

>
> You can pre-set the colors idl uses in .Xdefaults, I believe. Also, Gnome
> is a desktop environment, not a window manager, last time I installed it.
> You must be using Enlightenment or BlackBox maybe? I use Gnome / Enlightenment
> currently (with IDL), I used to have to put a few lines like:
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> #idl.colors: 16777216 <----- note this is commented out!
> idl.gr_depth: 24
> idl.retain: 2
> idl.gr_visual: TrueColor
>
> in .Xdefaults to get color working in X w/idl (that was using AfterStep wm).
> Most important is idl.retain, which tells IDL to handle the window's backing
> -store, instead of the window manager. You may want to try that.

Thanks. I was having a similar problem and this solved it. This is on a RH7.1 system with gnome-1.4 and sawfish-0.38. The 3 settings listed above seem to do the trick.

Craig

--

Craig J Copi | cjc5@po.cwru.edu
Case Western Reserve University | <http://erebus.phys.cwru.edu/~copi/>
Department of Physics | (216) 368-8831

Subject: Re: Color problems in IDL

Posted by [Pavel A. Romashkin](#) on Wed, 01 Aug 2001 18:11:44 GMT

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Could that have to do with the way IDL starts up on the remote machine?

It is probably different from the settings you have on yours. Did you try to set decomposition off during the remote session? Did you load color tables in it?

Cheers,
Pavel

Adam Rankin wrote:

>
> I remotely login to another machine and run IDL/ENVI, I load DICOM images
> and simply open them. When they display, they are no longer in a b/w

> format as they used to be when I ran IDL/ENVI locally. I looked at color
> tables and how IDL does color decomposition and still nothing made sense,
>
> Any thoughts?
>
> -Adam Rankin

Subject: Re: Color problems in IDL
Posted by [david\[2\]](#) on Wed, 01 Aug 2001 18:18:35 GMT
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Adam Rankin writes:

>
> I remotely login to another machine and run IDL/ENVI, I load DICOM images
> and simply open them. When they display, they are no longer in a b/w
> format as they used to be when I ran IDL/ENVI locally. I looked at color
> tables and how IDL does color decomposition and still nothing made sense,

You mean you **explicitly** load a gray-scale
color table before you display the images and
they are **still** displayed in color!? Weird.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Color problems in IDL
Posted by [Adam Rankin](#) on Wed, 01 Aug 2001 18:25:03 GMT
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I turned off decomposition but I don't know how to ?customize? my own
color tables, is there some sort of tutorial or help page on the net. I
tried RSInc.com and well, didn't find much/ =(

I looked at the previous post and added the IDL. lines and I am now
running 24 bit color on the remote machine, when I do a
device, get_visual_depth without changing anything it says 24-bit color.

To me everything is running in 24 bit color and my images should be in b/w. but their not.

Dargh, oh to be older and smarter!

-Adam

On Wed, 1 Aug 2001, Pavel A. Romashkin wrote:

> Could that have to do with the way IDL starts up on the remote machine?
> It is probably different from the settings you have on yours. Did you
> try to set decomposition off during the remote session? Did you load
> color tables in it?
> Cheers,
> Pavel
>
> Adam Rankin wrote:
>>
>> I remotely login to another machine and run IDL/ENVI, I load DICOM images
>> and simply open them. When they display, they are no longer in a b/w
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>> tables and how IDL does color decomposition and still nothing made sense,
>>
>> Any thoughts?
>>
>> -Adam Rankin
>

Subject: Re: Color problems in IDL
Posted by [david\[2\]](#) on Wed, 01 Aug 2001 18:48:16 GMT
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Adam Rankin writes:

> I turned off decomposition but I don't know how to ?customize? my own
> color tables, is there some sort of tutorial or help page on the net. I
> tried RSInc.com and well, didn't find much/ =(

Well, I'd turn color decomposition ON. *Then* if
you still see color images you will know you have
color images. :-)

Or, I'd load a color table:

IDL> LoadCT, 0

> Dargh, oh to be older and smarter!

Yeah, my wish too. :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

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