
Subject: Re: special linux/idl problem

Posted by [R.Bauer](#) on Thu, 10 May 2001 17:34:14 GMT

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"Liam E. Gumley" wrote:

>

> Carsten Dominik wrote:

>>

>>>> >>> "RB" == Reimar Bauer <r.bauer@fz-juelich.de> writes:

>>

>> RB> Reimar Bauer wrote:

>>>>

>>>> Hi,

>>>>

>>>> I hope someone on this group know this problem and is able to help.

>>>>

>>>> On one of my linux system I got always a monochrome color output

>>>> (grey scale) by idl. All other applications do have colors.

>>>>

>>>> I have three identical machines (I believe) and only one of them

>>>> has this failure.

>>

>> This works for me, I got it from this group, but unfortunately I

>> forgot who the original author was. Put the following text in a

>> startup file, like .idlrc and set the environment IDL_STARTUP variable

>> to point to that file:

>>

>> setenv IDL_STARTUP ~/.idlrc

>>

>> if !version.os_family eq 'unix' then device, true_color=24

>> window, /free, /pixmap, colors=-10

>> wdelete, !d.window

>> device, decomposed=0, retain=2

>> device, get_visual_depth=depth

>> print, 'Display depth: ', depth

>> print, 'Color table size: ', !d.table_size

>

> The startup file shown is the one I use routinely on all my IDL

> platforms. If you want to use 8-bit display mode on a UNIX box, the

> first line becomes

>

> if !version.os_family eq 'unix' then device, pseudo_color=8

I have used this line before in my startup and on most of our unix/linux systems this has defined the colors.

But in five new systems I am using the Elsa Gladiac MX Card it doesn't.

It may be a failure in the graphics driver or by the card.
I got always the greyscale colortable if I choose 24bit for colors.
There was no difference by setting device, decomposed to 0 or 1.

three machines are AMDs two are Intel.

the command `device, true_color=24` fixed this problem.

The window command I have already used too.

Many thanks for this hint. This saved me money and time to exchange the
card
to an ATI card.

regards

Reimar

>
> Cheers,
> Liam.
> <http://cimss.ssec.wisc.edu/~gumley/>

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Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg1/>

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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>
