Subject: 16-bit color

Posted by James Kuyper on Mon, 12 Nov 2001 18:04:47 GMT

I would like to display RGB images, with, for instance higher values for the Red component causing redder colors, and higher values of the blue component making them bluer. I used to be able to do that pretty easily, using the

 tv,image,/true

However, since I've been moved to a Linux workstation, it doesn't work. I could provide detailed symptoms if you want, but it's obviously a configuration problem, so maybe the easiest way is to ask how I need to configure my IDL session to display these things properly. Attached is a copy of the xdpyinfo output for my system. What device commands should I use?

--
James Kuyper
MODIS Level 1 Lead
Science Data Support Team
(301) 352-2150
name of display: :0.0
version number: 11.0
vendor string: The XFree86 Project, Inc
vendor release number: 3360
maximum request size: 4194300 bytes
motion buffer size: 256
bitmap unit, bit order, padding: 32, LSBFirst, 32
image byte order: LSBFirst
number of supported pixmap formats: 2
supported pixmap formats:
    depth 1, bits_per_pixel 1, scanline_pad 32
    depth 16, bits_per_pixel 16, scanline_pad 32
keycode range: minimum 8, maximum 134
focus: window 0x340000e, revert to PointerRoot
number of extensions: 19
    BIG-REQUESTS
    DOUBLE-BUFFER
    DPMS
    LBX
    MIT-SCREEN-SAVER
    MIT-SHM
    MIT-SUNDRY-NONSTANDARD
    RECORD
    SECURITY
    SHAPE

```
      SYNC
      XC-APPGROUP
      XC-MISC
      XFree86-DGA
      XFree86-Misc
      XFree86-VidModeExtension
      XInputExtension
      XKEYBOARD
      XTEST
default screen number:    0
number of screens:    1

screen #0:
  dimensions:    1152x864 pixels (390x293 millimeters)
  resolution:    75x75 dots per inch
  depths (1):    16
  root window id:    0x26
  depth of root window:    16 planes
  number of colormaps:    minimum 1, maximum 1
  default colormap:    0x23
  default number of colormap cells:    64
  preallocated pixels:    black 0, white 65535
  options:    backing-store YES, save-unders YES
  largest cursor:    64x64
  current input event mask:    0xf8603f
    KeyPressMask          KeyReleaseMask          ButtonPressMask
    ButtonReleaseMask     EnterWindowMask          LeaveWindowMask
    ButtonMotionMask      KeymapStateMask          SubstructureNotifyMask
    SubstructureRedirectMask FocusChangeMask          PropertyChangeMask
    ColormapChangeMask
  number of visuals:    1
  default visual id:  0x22
  visual:
    visual id:    0x22
    class:    TrueColor
    depth:    16 planes
    available colormap entries:    64 per subfield
    red, green, blue masks:    0xf800, 0x7e0, 0x1f
    significant bits in color specification:    6 bits
```

File Attachments
1) xdpyinfo.out, downloaded 102 times

Subject: Re: 16-bit color
Posted by Logan Lindquist on Thu, 15 Nov 2001 13:20:59 GMT
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Another good idea would be weekly score cards to rate how satisfied you are with your sysadmin. This could also be filled out after help has been given.

:)

"Logan Lindquist" <llindqusit@mrdoc.cc> wrote in message
news:9t0fd1$6hj$1@sulawesi-fi.lerc.nasa.gov...
> "David Fanning" <david@dfanning.com> wrote in message
> news:MPG.1659f5118186501f989767@news.frii.com...
>> James Kuyper (kuyper@gscmail.gsfc.nasa.gov) writes:
>
>
> Do they teach sysadmins to make the process of getting their help to be
> difficult as possible in order to keep the number of questions to a
minimum?
> Maybe if they had a task sheet that everyone could see and sign up for
help,
> we would be a lot less likely to think they are a bunch of power hungry
lazy
> ass-holes.
>
> :)
>
>

Logan Lindquist wrote:
>
> Another good idea would be weekly score cards to rate how satisfied you are
> with your sysadmin. This could also be filled out after help has been given.

As long as they're allowed the same forum to express their opinions of your questions. It would give you management an idea of how much more training you might need.

I prefer the egalitarian rather than the elitist approach.

paulv

--
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Subject: Re: 16-bit color
Posted by Nigel Wade on Thu, 15 Nov 2001 15:05:08 GMT
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Logan Lindquist wrote:

> Another good idea would be weekly score cards to rate how satisfied you
> are with your sysadmin. This could also be filled out after help has been
> given.
>
>

Along with a score card for the sys admin to rate the cluelessness of the
users, and perhaps a prize for the daftest request of the week?

--

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