
Subject: X windows problem

Posted by [Raffaele Pelosi](#) on Thu, 29 Apr 1999 07:00:00 GMT

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I've problem with my operating system Linux. When I digit at prompt "insight" there is this message:

```
% Restored file: INSIGHT.
```

```
% Unsupported X Windows visual (class: StaticGray, depth: 0).
```

```
  Substituting default (class: <UndefinedVisual>, Depth: 0).
```

```
% Execution halted at: INSIGHT
```

```
%           $MAIN$
```

On my portable machine I've Linux SuSe 6.0

How can I resolve this problem?

Thanks

Raffaele

Subject: Re: X windows problem

Posted by [Liam Gumley](#) on Fri, 30 Apr 1999 07:00:00 GMT

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Raffaele Pelosi wrote:

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> "insight" there is this message:

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> On my portable machine I've Linux SuSe 6.0

> How can I resolve this problem?

The 8-bit and 24-bit visuals are safe for IDL to use (PseudoColor and TrueColor).

```
% xdpinfo
```

should tell you the default visual, and what visuals are available.

Liam E. Gumley

Space Science and Engineering Center, UW-Madison

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

Subject: Re: X windows problem

Posted by [Harald von der Osten](#) on Sat, 01 May 1999 07:00:00 GMT

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Raffaele Pelosi wrote:

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> "insight" there is this message:
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> % \$MAIN\$
> On my portable machine I've Linux SuSe 6.0
> How can I resolve this problem?
>
> Thanks
>
> Raffaele

Hallo Raffaele,

maybe I can help you. I received the same error messages several weeks before. I fixed it by switching the X-Windows to 32 bpp.

You can do this using the SaX program in SuSE 6.0 (Yast -> X Windows Configuration -> SaX -> graphics card). I am using also SuSE 6.0, my graphics card is a 16 MB one.

Hope this helps.

Ciao, Harald

--

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<http://www.region-lb.de/HomeSites/HvdOsten>: Ground Penetrating Radar and EMI

Subject: Re: X windows problem

Posted by [Raffaele Pelosi](#) on Mon, 03 May 1999 07:00:00 GMT

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Yes, that's true. It works using 24 bpp or 8bpp.

I need to say thank to you, David Fanning and Liam E. Gumley that had help me to resolve this problem.

Raffaele

Subject: Re: X windows problem

Posted by [Martin Schultz](#) on Tue, 04 May 1999 07:00:00 GMT

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Raffael Pelosi wrote:

>
> Yes, that's true. It works using 24 bpp or 8bpp.
> I need to say thank to you, David Fanning and Liam E. Gumley that had help
> me to resolve this problem.
>
> Raffaele

when I first read your post, I thought it doesn't apply to my linux installation. But then I tried to run X with -bpp 24 and just got strange colors (apparently, it's only 8, 16, and 32 bits that are supported by my card/monitor/linux combo).

Now with -bpp 32 I get the same error message as you when starting IDL. Since linux is spreading more and more, it may be helpful to offer the solution in the newsgroup, therefore, I kindly ask the abovementioned experts to help me out as well. Please find the relevant xdpinfo output attached below. IDL does wok with color depth 8, but then I only have 62 colors even when nothing else is running (using fwm2). With netscape started prior to IDL) you get into that colortable-not-updated problem discussed in a different thread.

Thanks,
Martin.

xdpyinfo:

[...]

default screen number: 0

number of screens: 1

screen #0:

dimensions: 1024x768 pixels (347x260 millimeters)

resolution: 75x75 dots per inch

depths (1): 32

root window id: 0x26

depth of root window: 32 planes

number of colormaps: minimum 1, maximum 1

default colormap: 0x23
default number of colormap cells: 2048
preallocated pixels: black 0, white 16777215
options: backing-store YES, save-unders YES
largest cursor: 1024x768
current input event mask: 0x58003d
KeyPressMask ButtonPressMask
ButtonReleaseMask
EnterWindowMask LeaveWindowMask
SubstructureNotifyMask
SubstructureRedirectMask PropertyChangeMask
number of visuals: 1
default visual id: 0x22
visual:
visual id: 0x22
class: TrueColor
depth: 32 planes
available colormap entries: 2048 per subfield
red, green, blue masks: 0xff0000, 0xff00, 0xff
significant bits in color specification: 8 bits

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