Subject: ERROR: Unsupported X Windows visual
Posted by Juergen Reiss on Fri, 07 Mar 1997 08:00:00 GMT
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Hi,

I use idl on a remote machine running DEC OSF 4.0. My local machine is
a PC running Linux. When I try to open _any_ idl windows (e.g. plot,
?), the following error message occurs:

IDL. Version 4.0.1 (OSF alpha).
Copyright 1989-1995, Research Systems, Inc.
All rights reserved. Unauthorized reproduction prohibited.
Installation number: 13352-0.
Licensed for use by: Rechenzentrum Uni Wuerzburg

IDL> ?
Warning: Cannot convert string "-*-Menu-Medium-R-Normal--*-120-*-*-P-*-ISO8859-1" to type
FontStruct
% Unsupported X Windows visual (class: StaticGray, depth: 0).
  Substituting default (class: <UndefinedVisual>, Depth: 0).
% Execution halted at: $MAIN$

Since any other X program I tested so far works properly (netscape,
avs, spss and many pd programs), I assume the problem is very
specific for the Linux/idl combination. There are no such problems,
when the local host is either a dec alpha running OSF 4.0 or a PC
running windows (3.11 or 95) with an X window emulator.

Did anyone else encounter the problem?

Did anyone solve it, too?

Thanks for any hints

Juergen

Subject: RE: ERROR: Unsupported X Windows visual
Posted by mallozzi on Tue, 11 Mar 1997 08:00:00 GMT
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> a PC running Linux. When I try to open _any_ idl windows (e.g. plot,
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I ran into a similar problem on my linux machine running at 16 bits per pixel. What screen depth are you using (try xdpyinfo)? I put something like the following in the .Xdefaults file:

idlvisual: truecolor

Can't check it exactly right now, as I am at work. Anyway, this allows me to open windows, although SHADE_SURF crashes IDL with a seg fault, with the message "Array has a corrupted discriptor" I have talked to RSI several times about this, but....well it still occurs in the 5.0b5. Everything seems to work under 8bpp, but I don't think shutting down my x-server and restarting in 8bpp whenever I want to use IDL is an acceptable solution...sigh

-bob

Subject: Re: ERROR: Unsupported X Windows visual
Posted by Dr. Scott Smyth on Mon, 17 Mar 1997 08:00:00 GMT
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mallozzi@ssl.msfc.nasa.gov wrote:
>
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> my x-server and restarting in 8bpp whenever I want to use IDL is an
> acceptable solution...sigh
>
> -bob

Yes. In the documentation, the only support 16bpp for Windows. Only 8 bpp and 32 bpp are supported for X windows. Thus all the confusion when you do truecolor with 16bpp (I have the same problems!). The

Xloadct crashes among other things.

Scott

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